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REPORT

OF THE

OFFICER OF HEALTH

FOR MANCHESTER.

MARCH, 1883.

MANCHESTER:
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REPORT OF THE MEDICAL OFFICER OF HEALTH.

The two most important events of the year 1881 in relation to the vital statistics of Manchester, and to the sanitary treatment of infectious disease within the city, were the taking of the census of the population of that year, and the passing of an Act by which the Corporation was enabled to obtain information from medical men, and from occupiers of houses, and certain other persons, of the occurrence therein of cases of smallpox, scarlet fever, typhus and typhoid fever, diphtheria, relapsing fever, and puerperal fever. The census was taken in the usual manner. Each registration sub-district of the city was divided into certain small blocks or districts, which were called enumerators' districts, and to each of these a person was appointed to count the houses inhabited, uninhabited, and building, and to record in detail the ages, occupations, names, and relation to occupier of the persons who slept in each inhabited house on the night before the census. These details passed first into the hands of the respective registrars, by whom they were examined and revised; thence they were passed to the Superintendent Registrar, in whose office they were again revised; and, finally, were sent to the office of the Registrar-General of Births, Deaths, and Marriages in London.

The final results of the examinations in Somerset House, so far as regards the city of Manchester, are given below:—

Houses and Population at the Census of 1881, after revision of the Enumerator's Books in the office of the Registrar-General

Civil Parish	Area in Statute Acres	Houses			Persons		
		Inhabited	Uninhabited	Building	Males	Females	Total
Manchester	1646	29446	3530	94	72005	76789	148794
Chorlton-upon-Medlock	647	10935	1207	24	25404	30194	55598
Hulme	477	14235	1254	20	34789	37358	72147
Ardwick	508	6334	593	10	15246	15951	31197
Cheetham	919	4511	519	15	12135	13586	25721
Beswick	96	1603	162	4	3896	4061	7957
Wards							
All Saints'	227	4595	490	17	10276	12192	22468
Ardwick (including Beswick)	604	7937	755	14	19142	20012	39154
Cheetham	919	4511	519	15	12135	13586	25721
Collegiate Church	137	1575	238	12	4665	4663	9328
Exchange	45	112	30	—	337	476	813
Medlock Street	197	6935	604	3	16523	18022	34545
New Cross	355	9784	1001	4	22949	25031	47980
Oxford	136	969	170	30	2178	2475	4653
St. Ann's	39	55	—	—	130	216	346
St. Clement's	151	2441	244	—	5674	5976	11650
St. George's	280	7300	650	17	18266	19336	37602
St. James's	97	717	137	2	2186	2192	4378
St. John's	125	1798	197	11	5236	5279	10515
St. Luke's	419	6340	717	7	15128	18002	33130
St. Michael's	561	11995	1513	35	28650	30481	59131
Totals	4292	67064	7265	167	163475	177939	341414

What is described above as the civil parish of Manchester comprises the three following registration sub-districts :—Ancoats, St. George's, and Central. The Central Registration Sub-district comprehends the three sub-districts formerly described as those of Market Street, London Road, and Deansgate. In consequence of the diminished resident population in these three latter sub-districts, it was found expedient to associate them under one registrar, and to give a new name to the sub-district formed by their union. I am indebted to Dr. Ogle, of the office of the Registrar-General, for the following statement of the number of persons who slept in the inhabited houses of the registration sub-districts which together form the township of Manchester on the night preceding the census of 1881 :—

Ancoats	47978
St. George's	59128
Central	41688

The number of inhabited and uninhabited houses in these registration sub-districts were extracted in August last (1881) from the Overseers' books at the offices in Fountain Street, with the following results :—

	Inhabited houses	Uninhabited houses
Ancoats	9959	684
St. George's	12254	1258
Central	7831	488

The following table of the population and number of houses in each of the registration sub-districts in 1871 will show the changes which have taken place in the respective townships of the city within the last ten years. The following registration sub-districts are co-equal in area with the townships of the same names, viz.:—Hulme, Chorlton-upon-Medlock, Ardwick, Beswick, and Cheetham.

Houses and Population of the City of Manchester, as determined by the Census of 1871.—(Extracted from the Registrar-General's Report, Vol. I., p. 185.)

Townships	Houses			Persons		
	Inhabited	Uninhabited	Building	Males	Females	Total
Ardwick	5696	248	52	13707	14359	28066
Beswick	494	20	61	1205	1301	2506
Cheetham	3733	259	35	10196	11421	21617
Chorlton-upon-Medlock	9829	646	100	22950	27331	50281
Hulme	14823	468	37	36101	38630	74731
Manchester	32629	3432	334	83426	90562	173988

HOUSES AND POPULATION OF THE CITY OF MANCHESTER—continued

WARDS	HOUSES			PERSONS		
	Inhabited	Uninhabited	Building	Males	Females	Total
All Saints'	4294	191	15	9983	11590	21573
Ardwick	6190	268	113	14912	15660	30572
Cheetham	3733	259	35	10196	11421	21617
Collegiate Church	2377	419	105	7033	7338	14371
Exchange	326	941	23	910	1172	2082
Medlock Street	7132	246	14	16707	18455	35162
New Cross	10298	323	68	24694	27962	52656
Oxford	1331	187	4	3475	3711	7186
St. Ann's	71	6	—	160	211	371
St. Clement's	3016	202	7	7594	8012	15606
St. George's	7691	222	23	19394	20175	39569
St. James's	1590	551	5	4773	5049	9822
St. John's	2183	139	14	6772	7030	13802
St. Luke's	5535	455	85	12967	15741	28708
St. Michael's	11437	664	108	28015	30077	58092
Total	67204	5073	619	167585	183604	351189

The township of Manchester in the preceding table comprised the following registration sub-districts, the number of inhabitants and of houses included in which are given below.

REGISTRAR-GENERAL'S REPORT FOR 1871, VOL. I, p. 402

Registration Sub-district	HOUSES			PERSONS		
	Inhabited	Uninhabited	Building	Males	Females	Total
Ancoats	10298	323	68	24694	27962	52656
Deansgate	3973	265	17	11819	12354	24173
London Road	4129	344	11	10542	11136	21678
Market Street	2828	1836	130	8356	9033	17389
St. George's	11437	664	108	28015	30077	58092
Totals	32629	3432	334	83426	90562	173988

Taking the preceding figures of the Registrar-General it will be seen that the following is the difference in the number of houses and of inhabitants in the respective townships according to the census of 1881 and that of 1871. Where there is a diminution of either one or the other the sign minus — is prefixed to the number marking the difference, and the sign plus + to the figures where there has been an increase.

Manchester

	Houses			Persons		
	Inhabited	Uninhabited	Building	Males	Females	Total
1881	29446	3530	94	72005	76789	148794
1871	32629	3432	334	83426	90562	173988
	−3183	+98	−240	−11421	−13773	−25194

Chorlton-upon-Medlock

1881	10935	1207	24	25404	30194	55598
1871	9829	646	100	22950	27331	50281
	+1106	+561	−76	+2454	+2863	+5317

Hulme

1881	14235	1254	20	34789	37358	72147
1871	14823	468	37	36101	38630	74731
	−588	+786	−17	−1312	−1272	−2584

Ardwick

1881	6334	593	10	15246	15951	31197
1871	5696	248	52	13707	14359	28066
	+638	+345	−42	+1539	+1592	+3131

Cheetham

1881	4511	519	15	12135	13586	25721
1871	3733	259	35	10196	11421	21617
	+778	+260	−20	+1939	+2165	+4104

Beswick

1881	1603	162	4	3896	4061	7957
1871	494	20	61	1205	1301	2506
	+1109	+142	−57	+2691	+2760	+5451

Between 1871 and 1881 these numbers show a diminution in the number of inhabited houses in the township of Manchester amounting to 3,183, and in the number of inhabitants a diminution amounting to 25,194, being at the rate of 7·9 persons per house. The township of Hulme exhibits a diminution in the same period of 588 inhabited houses, and of 2,584 persons, being at the rate of 4·39 persons per house, or a total diminution of 3,771 inhabited houses for the two townships, and of 27,778 persons.

In the townships of Chorlton-upon-Medlock, Ardwick, Cheetham, and Beswick there was a total increase of 3,631 inhabited houses, and of 18,003 inhabitants = 4·9 per house.

The number of persons estimated for the whole city, therefore, was 341,414; or, 9,775 less than in the census of 1871.

In April of 1881 the houses in the respective townships forming the city of Manchester were assessed by the overseers of the poor for the purpose of rating. The books of the assessors were not all made up until August of that year. The houses assessed, and which were carefully counted in these books, showed the following numbers :—

	Inhabited houses
Manchester	30044
Hulme	14403
Chorlton-upon-Medlock	11159
Cheetham	4521
Ardwick	6356
Beswick	1635
	68118

The difference in the number of inhabited houses between these figures and those obtained from the census amount to 1,054, and, adopting so small a multiplier as 5 as representing the population of each house, the difference in the population of the city would be not less than 5,270, which would give a total population for the city in 1881 of 346,684, or a diminution of 4,505 from the population as determined by the census of 1871.

In the census of 1871 the average number of persons to each house within the following townships was :—

Manchester	5·33
Cheetham	5·9
Hulme Chorlton-upon-Medlock Ardwick	5·02
Beswick	5·02

In the census of 1881 the average for the townships was :—

Manchester	5·05
Cheetham	5·7
Hulme Chorlton-upon-Medlock Ardwick	5·04
Beswick	4·96

These figures exhibit a remarkable correspondence for the townships of Hulme, Chorlton-upon-Medlock, Ardwick, Beswick, and Cheetham. The great difference is observable with regard to the township of Manchester, the average number of persons per house in this township having been in the last census 5·05, and in the 1871 census 5·33. On the present number of houses according to the last census this would make a difference in the population of 8,153, or taking the number of houses assessed by the overseers in the same month as that in which the last census was taken of 11,340. In the other townships the houses are almost entirely of two storeys, and for the most part occupied as single houses, with the exception of Cheetham, in the lower part of which township, about Red Bank, a large number of rooms in the houses are let off as separate tenements. In the township of Manchester, particularly in the central portion, the houses are let off in separate rooms to a considerable number of tenants, and many of the houses are of three storeys, so that there is considerable concentration of population. In the Deansgate portion of the Central Registration Sub-district and constituting the former Registration Sub-district of Deansgate, there has been a considerable displacement of population by the pulling down of houses for the erection of places of business, for widening the great thoroughfare of Deansgate, and for the building of the Central Railway Station.

In the Registration Sub-district of Ancoats and St. George's any diminution in the number of inhabitants over certain areas of these must arise rather from migration than from displacement, the bad state of trade during the twelve months preceding the last census having materially affected the employment of the people living in these districts, and led them to seek *rooms* in houses ; or, in other words, to occupy tenement rooms rather than distinct houses, to which they had been previously accustomed. But whilst from this cause there may be a reduction in the number of inhabited houses, an increase in the actual number of persons living in the *houses occupied* might have been expected, and hence it is with surprise that I read of a diminished number of persons per house having been the result of the countings of the first of April 1881 The actual diminution of the population of the Ancoats Sub-district amounts, according to the figures of the census, to 4,678. In St. George's Sub-district there has been a declared increase of population amounting to

1,036, which may be accounted for by a considerable number of houses having been built since the last census in the upper part of the district; but we are again met by the statement of the diminished number of persons per house, which, considering that a large part of Angel Meadow is occupied by three-storied houses, let off in separate tenements, may well excite surprise. It is somewhat remarkable that the average number of persons per house throughout the whole townships of Hulme, Chorlton-upon-Medlock, and Ardwick should have undergone no change during the ten years, the average numbers for the aggregate townships in 1871 having been 5·02 per house, and in 1881 5·04 per house, and yet the diminution in the population of the township of Hulme in the ten years was 2,584.

The great requirements for health have been defined to be—

Good Water	Warm Clothing
Good Food	Provision against outbreak of disease
Pure Air	

Keeping these in view as the chief objects of sanitary effort, let us summarise what has been done within a few years by the Corporation for the city of Manchester.

A good and ample supply of pure water for drinking and for culinary purposes has been furnished to every house. So ample is the supply and so pure the quality that it also suffices for all purposes of cleanliness with a minimum quantity of soap or alkali, in consequence of its comparative freedom from earthy salts. As a matter of economy this purity of the water is very important. The water from Thirlmere which it is proposed to bring to Manchester is even still more free from earthy salts than that now supplied to the city.

A further and important means of cleanliness is furnished to the inhabitants of the city by the large baths supplied by the Corporation. From the success which has attended the construction of these baths it is probable that they will receive still further development.

I need not comment on the value of the copious water supply for trade and manufacturing purposes as a stimulant to labour

The Food Adulteration Act has placed within the power of the Corporation means to secure, by proper watchfulness and by analytical examination, with punishment in case of fraud, that the food supplied to the people shall be of good and proper quality, and so far does the Act cover all articles likely to be

consumed as food, and so efficiently has the Act been brought into operation, that it may be accepted with reasonable confidence that the food supplied to the inhabitants of Manchester is in the main what it is professed to be. The zeal with which the examination of milk and bread has been carried out, and the successful results attending the efforts made to secure the supply of these important articles pure cannot be too highly appreciated. Scarcely less can be said of the value of market inspection, by which all diseased or unwholesome meat, vegetables, and fruits are withheld from the public.

It is pretty certain, then, that pure water and good unadulterated wholesome food are supplied to the people of this city.

A much more difficult element of life to supply pure is the atmosphere. The great reservoir of all emanations, its pollutions in a great city are many. What were their sources a few years ago?

1. Sixteen acres of cesspool four feet deep.
2. Many miles of ill-swept streets, courts, passages, and yards, partially covered with decomposing animal and vegetable matter.
3. Emanations from slaughter-houses.
4. Emanations from chemical works.
5. From numerous manufactories.
6. Coal smoke.
7. From rivers, brooks, and drains.

The power acquired by the Corporation to obtain early information of the occurrence of certain forms of infectious disease within the city was the result of an application made to the Local Government Board. The Act conveying the power to the Corporation was entitled, "Local Government Board's Provisional Order Confirmation Act 1881 (44 and 45 Vict.), and contains the following clauses :—

> If any inmate of any building used for human habitation within the city be suffering from infectious disease, the occupier, or person having the management or control of such building, or, if such occupier or person is prevented by reason of such disease, then the person in charge of such inmate, shall, so soon as he shall become aware of the existence in any such inmate of any such disease, forthwith give notice to the Medical Officer of Health, at his office, of the existence in such inmate of such disease.
>
> Every medical practitioner attending on or called in to visit such inmate shall, on becoming aware that such inmate is suffering from any infectious disease, forthwith fill up, sign, and send, by post or otherwise, to the Medical Officer of Health, at his office, a certificate stating, according to the forms prescribed and supplied to him by the Corporation, the

name of such inmate, the situation of such building, and the name of such occupier or person, and the nature of the disease from which, in the opinion of such medical practitioner, such inmate is suffering; and the delivery of such certificate, duly filled up and signed as aforesaid, at the office of the Medical Officer of Health, shall be deemed to be a sufficient fulfilment of the requirements of certain sub-divisions of Article VIII.

After stating what other persons may be required to give information, the fees payable to medical men, and the penalties for omission to give information, the Article goes on to say:—

The expression "infectious disease" in the article means smallpox, typhus and typhoid fever, scarlatina, diphtheria, cholera, relapsing fever, and puerperal fever, and such other diseases as the Corporation may from time to time order to be deemed infectious diseases within and subject to the provisions of the Article.

Immediately after the receipt of the Act, the Officer of Health directed the following letter to every medical practitioner within the city:—

Health Department,
Town Hall, Manchester.

Dear Sir,—I have the pleasure to send you a number of forms for Medical Certificate of Disease, to be filled up and forwarded to me on the occurrence in your practice of any cases of smallpox, typhus or typhoid fever, scarlatina, diphtheria, relapsing fever, or puerperal fever, within the city of Manchester, in accordance with the Act 44 & 45 Vict., entitled Local Government Board's Provisional Order Confirmation Act 1881, in which it is provided that every medical practitioner attending on or called in to visit any inmate of any house shall, on his becoming aware that such inmate is suffering from any infectious disease included within the above category, forthwith fill up, sign, and send by post, or otherwise, to the Medical Officer of Health, at his office, a certificate stating, according to the forms prescribed and supplied to him by the Corporation, the name of such inmate, the situation of the house in which he resides, and the name of the occupier or other person in charge of the house, and the nature of the disease from which, in the opinion of such medical practitioner, such inmate is suffering, and the delivery of such certificate duly filled up and signed as aforesaid at the office of the Medical Officer of Health shall be deemed to be a sufficient fulfilment of the requirements of the Act relating hereto.

It is further provided that the Corporation shall pay to every medical practitioner who shall, in pursuance of the above requirement, duly make and give any such certificate a fee of two shillings and sixpence

for every such certificate. The same medical practitioner shall not be required to give more than one certificate, and shall not be entitled to more than one fee in respect of certificates given by him within an interval of thirty days in respect of the same disease occurring in the same building, and any person who shall offend against the provision of this Article (Article VIII. of this order), unless ignorant thereof, the burden of the proof of which shall be on him, shall for every such offence be liable to a penalty not exceeding five pounds, which shall be recoverable in manner provided by Section 32 of the Act of 1872.

I am, dear Sir,

Yours faithfully,

JOHN LEIGH,

Medical Officer of Health for the City of Manchester.

P.S.—If the circumstances attending any case be such as to render removal to hospital desirable, will you kindly state whether you think the patient is fit for removal.

The total number of deaths within the homes of the people in the city of Manchester, including Beswick, during the year 1881 was 7,187, which in a population of 341,414 (the determination of the last census) is equal to a death-rate of 21·05 per 1,000 ; but 370 deaths took place in public hospitals within the city, and 34 in Monsall Hospital (from infectious diseases) of persons removed to that hospital from the city, whilst 26 inquests were held on the bodies of persons who could not be discovered from the Registrars' entries to have had any residence in the city. These, added to the preceding number, will raise the death-rate to 22·31 per 1,000. Including 856 deaths in Crumpsall Workhouse, the death-rate will be 24·81 per 1,000.

The tables in the appendix, and the statistics in the body of this report, will be calculated on the numbers of the population, the results of the last census as reported to this department from the office of the Registrar-General. It is not necessary to point out further than has been done above to what extent the figures may be modified by the different estimates of the population, for which there seems to be considerable justification.

In the several registration sub-districts of the city, excluding the 26 special coroner's cases (from drowning, &c.), and deaths occurring in hospitals, the rates of mortality in the years 1879 and 1881 were :—

	1879		1881
Ancoats	24·3	...	24·5
Deansgate	26·9	...	23·7
London Road	25·2	...	
Market Street	22·1	...	
St. George's	22·2	...	21·4
Hulme	23·5	...	20·7
Chorlton	21·0	...	19·3
Ardwick	18·9	...	18·8
Cheetham	15·0	...	15·5
Beswick	27·9	...	23·8

Number of deaths and rate per 1,000 in the quarters of the year 1881 :—

	Deaths		Rate per 1,000
March quarter	2593	=	30·36
June ,,	1970	=	23·04
September ,,	1745	=	20·40
December ,,	2165	=	25·32

From these two columns it will be seen that a general, and in some cases a considerable, reduction in the rate of mortality had taken place during the year 1881 in relation to that of 1879, whilst the table for 1881 had been constructed under the disadvantage of a lower relative population. The most satisfactory circumstance connected with it is that the reduction is shown to have extended nearly over the entire city, the apparent increase of 0·2 in Ancoats and 0·5 in Cheetham being more than covered by the difference which a uniform basis of calculation would give. The Central Registration Sub-district (including the former registration sub-districts of Deansgate, Market Street, and London Road), St. George's, Hulme, Chorlton-upon-Medlock, and Beswick all exhibit a diminution.

Though the deaths in the winter quarter of 1881 were not so numerous as in that of 1879, yet they were in excess of those of the winter quarters of 1877, 1878, and 1880, as the following table will show :—

Deaths in the Winter Quarter of 1877, 1878, 1879, 1880, 1881, and the Rate of Mortality

	1877	1878	1879	1880	1881
Deaths	2446	2376	2863	2354	2593
Death rate per 1000 of population	27·79	26·63	31·99	27·56	30·36

An examination of the deaths in each week during the winter quarter of 1881 has shown that in the four weeks ending 5th February, 1,069 deaths took place, constituting one-eighth of the entire mortality for the year. The difference in the rate of mortality producible by severe climatic conditions will be shown by a comparison of the deaths of the winter quarter of 1881 (namely 2,593) with those of the ensuing spring quarter (1,970), the difference being 623, or in other words 623 more persons died in the three months of the winter quarter than in the similar period constituting the spring quarter.

TABLE EXHIBITING THE MORTALITY FROM DISEASES OF THE LUNGS AND FROM WHOOPING COUGH, FROM 1877 TO 1881, BOTH INCLUSIVE

1877	
Diseases of the lungs	2558
Whooping cough	332
Total	2890

1878	
Diseases of the lungs	3064
Whooping cough	214
Total	3278

1879	
Diseases of the lungs	3011
Whooping cough	394
Total	3405

1880	
Diseases of the lungs	2677
Whooping cough	300
Total	2977

1881	
Diseases of the lungs	2965
Whooping cough	249
Total	3214

Perhaps the most striking fact connected with this table is that the deaths from whooping cough do not bear an absolute relation to the severity of the season, or an equal relation to the number of deaths from diseases of the lungs, the result of its severity; for, although in the year 1879 394 deaths from whooping cough took place when there were 3,011 deaths from diseases of the lungs, yet in the next most severe of the five years tabulated there were only 214 deaths from whooping cough, against 3,064 from diseases of the lungs generally. The next highest number of deaths from whooping cough occurred in the year 1877, when 332 deaths from this disease occurred, against 2,558 from diseases of the lungs.

TABLE EXHIBITING THE DEATHS FROM DISEASES OF THE LUNGS AND FROM WHOOPING COUGH IN EACH QUARTER OF THE YEARS 1877–81

Year	March Quarter		June Quarter		September Quarter		December Quarter	
	Diseases of Lungs	Whooping Cough	Diseases of Lungs	Whooping Cough	Diseases of Lungs	Whooping Cough	Diseases of Lungs	Whooping Cough
1877	741	113	730	124	427	58	660	37
1878	860	60	731	49	511	55	962	50
1879	1261	177	634	110	398	64	718	43
1880	814	114	751	122	508	32	604	32
1881	1097	54	675	87	444	44	749	68

Adding together the deaths from whooping cough in the winter and spring quarters of the total number of years, we get 1,010, whilst those of the summer and autumn quarters amount to 479, the difference being 531. The fatal influence of the cold during the winter and spring months on the progress of whooping cough could not be more strikingly shown, nor the necessity for the provision of warm clothing and a genial atmosphere during the time that so many of the children of Manchester are suffering from this serious and distressing ailment, and to which so many of the children of the poor succumb.

The long duration of the complaint, and its excessively infectious nature, constitute the difficulties in its sanitary treatment. No child suffering from whooping cough can be placed in a ward of a hospital amongst other children not similarly affected, whilst the accommodation required for the treatment of the disease would be considerable, and therefore expensive. It is probable that a bed in a hospital would not receive more than six or eight children in a year, so that a hospital with 20 beds would be equal to no more than 160 cases. Most of the cases would require very little medical treatment. All that would be needed for the most part in a ward devoted to whooping cough would be warmth and an equal temperature.

The other most fatal diseases from which children suffer are measles, scarlet fever, and diarrhœa.

As measles is frequently fatal from accompanying bronchial or pneumonic affection it might be thought that the heaviest mortality would always occur in winter, and the experience of 1881 would seem to confirm this, for whilst 70 children died in the quarter ending 31st December, and 19 in that ending 31st March, only 26 died in the spring and summer quarters; yet, taking the five years 1877-81 inclusive, it will be found that whilst 356 children died from measles in the autumn and winter quarters, 374 died in the spring and summer quarters. The severity of the autumn and winter seasons seems to

have told more unfavourably on cases of scarlet fever, for whilst 597 deaths occurred in the spring and summer quarters of the same five years, 835 deaths occurred in the autumn and winter quarters.

TABLE EXHIBITING THE MORTALITY FROM MEASLES AND FROM SCARLET FEVER IN EACH QUARTER OF THE FIVE YEARS 1877–81, INCLUSIVE

		Quarter ending			
		31st March	30th June	30th September	31st December
1877	Measles	24	66	54	29
,,	Scarlet Fever	64	61	86	130
1878	Measles	45	49	10	32
,,	Scarlet Fever	103	59	58	99
1879	Measles	30	27	28	25
,,	Scarlet Fever	54	63	75	132
1880	Measles	40	68	46	42
,,	Scarlet Fever	75	95	64	98
1881	Measles	19	13	13	70
,,	Scarlet Fever	46	16	20	34

IN THE FIVE YEARS THE DEATHS HAVE BEEN FROM—

Whooping Cough	1489
Measles	730
Scarlet Fever	1432
Total	3651

The deaths from diarrhœa, almost exclusively a disease of the late summer months, August and September, have been during the last five years as follows:—

1877	304 deaths.
1878	500 ,,
1879	201 ,,
1880	607 ,,
1881	258 ,,
	1870

These added to the deaths from measles, whooping cough, and scarlet fever, will give a general total of 5,521 deaths in five years of young children from these four preventible diseases, or an average of 1,104 deaths annually.

It is difficult to form a correct estimate of the number of cases these figures represent. No systematic returns are made of cases of measles, whooping cough, or diarrhœa—only of the deaths. The experience of 1882, however, has

shown us that under the new Act from 4th February to 13th November 967 cases of scarlet fever within the city have been reported by medical practitioners, the deaths from which have been 86, which is equal to one death in 11·2 cases. The five years' deaths from scarlet fever on this calculation would represent 16,038 cases, or 3,207 annually. We have no reason to believe that the same proportions would hold for the three other infantile diseases, whooping cough, measles, and diarrhœa, or a total of cases would be represented by the mortality equal to 61,835, or 12,367 annually. The number is appalling when considered in connection with the question of hospital accommodation. Even the scarlet fever cases (32,071) alone, which are the only ones likely to reach the adult population, present in their average annual number a financial difficulty which is disheartening. Except in the danger threatening the adult population, it cannot be said that whooping cough and measles less deserve the serious attention of the community than scarlet fever.

Diarrhœa, though no doubt a zymotic or fermentative disease, has not been shown to be infectious, so that the same danger of its extending to the more well-to-do classes of the community does not exist as in the case of the other zymotic diseases of infancy; nevertheless, it is peculiarly fatal to the children of the poorer classes. Its attacks are mainly confined to the very young. As a rule, its fatality is almost confined to the months of August and September, though in a hot summer its attacks will commence early in July and will extend well into October. Being limited almost entirely to the children of the poor, it is probable that it is more nearly related to diet than to any other cause. It is a disease, however, that has not been well investigated, and I am glad to know that Dr. Ballard, of the Local Government Office, is at the present time making it an object of especial study.

Within the last five years 1,870 children have perished from this disease, or on an average 374 annually, as seen by the following table:—

Deaths from Diarrhœa during the years 1877-81

1877	304 deaths.
1878	500 „
1879	201 „
1880	607 „
1881	258 „

The deaths from typhus and typhoid fever, though slightly in excess of those for 1879, still exhibit a considerable decrease from the numbers of deaths in many previous years.

DEATHS FROM FEVER—(TYPHUS AND TYPHOID)

1868	635 deaths.	1875	177 deaths.
1869	403 ,,	1876	225 ,,
1870	392 ,,	1877	164 ,,
1871	282 ,,	1878	115 ,,
1872	242 ,,	1879	68 ,,
1873	232 ,,	1880	89 ,,
1874	188 ,,	1881	75 ,,

The additions to the atmosphere which have been thought to be most injurious to animal life are those arising from the decomposition of animal and vegetable matters. The stench arising from these when in decomposition cannot be referred to any known gases or combinations of gases. It arises during the changes accompanying the development of one or several organised or organic matters supposed to be either ferments themselves or prone to undergo fermentation, and to be capable of communicating their fermentative action to other bodies, even when contained in living organisms. On the other hand, these very decomposing bodies, when exposed to the free action of the atmosphere, as in the country, experience an entirely different form of change. Freely exposed to oxygen and ozone, and under free currents of air, the matters are simply burned—converted, in fact, into carbonic acid and water, with liberation of ammonia. So that under the two different sets of circumstances the same matters become the inoffensive food of plants, or the fœtid, offensive, and dangerous poisons of animal bodies.

The chief sources of these dangerous emanations and injurious additions to the atmosphere of Manchester a few years ago were :—

(*a*) The sixteen acres of cesspool diffused over the entire city in many thousands of privies and smaller cesspools.

(*b*) The many miles of ill-swept streets, courts, passages, &c

(*c*) The emanations from slaughter-house premises and albumen manufactories, and other works where putrid animal matters were used.

In relation to these, what has been effected by the Corporation has been—

1. The entire removal of the privies and cesspools which existed ten or twelve years ago, and the substitution therefor of receptacles which are removed at such short intervals that no time is allowed for the decomposition of their contents, so that nothing injurious from this source is now sent into the atmosphere. The magnitude of the operation by which this has been effected may be appreciated by the statement that more than 60,000 closets have been constructed in the city on the new principle. As a corollary to this

statement, it may be mentioned that whereas under the old system thousands of tons of cesspool contents were allowed to lie heaped together in depôts within the city, at the present time all the matters removed from the back premises of houses are, within forty-eight hours of removal, converted into valuable odourless and innocuous manure, &c.

2. The sweeping of the streets, courts, passages, &c., is now so much improved, so much more thorough than it was a few years ago, that the same assertion may be made in regard to organic matters lying on the surface of these, that they never remain long enough to decompose. The efficiency of the work makes Manchester almost the best swept town in England.

3. The construction of abattoirs by the Corporation, in substitution of the numerous private slaughter-houses that once were thickly dotted over the entire area of the city, must have largely contributed to keep the air pure from the decomposing matters which once arose from these dirty and ill-kept establishments, whilst the careful inspection, with the removal or suppression of some of the manufactories wherein animal matters were used, by the officers and committees of the Corporation have still further tended to keep the atmosphere free from decomposing matters.

4. Partly allied to these are the effluvia from the rivers, brooks, and drains that traverse the city, and I am inclined to draw a broad distinction between the first of these and the resting matters of which I have spoken. Rivers and brooks are in constant motion, and it is only behind weirs, where a partial arresting of that motion takes place and solid matters become deposited, that any decomposition becomes apparent, for it is only at these points that a single bubble of gas can be collected.

The tendency to decomposition of the organic contents of the brooks and rivers must also be largely influenced by the enormous quantity of chemical matters, acids, alkalies, and especially mineral salts, which in solution are poured into them both within and above the city. It is well known that the tendency of these bodies is to check, if not absolutely to stop or prevent, organic decomposition. The chief decomposable matters received by the rivers will, of course, be from the sewers, and here it is that the beneficial action of the Corporation in regard to the rivers will be felt; for, though not so far interfering directly with the rivers, yet by diverting from the sewers the enormous quantity of urinal and fœcal matters, which would under former arrangements find their way into the rivers from more than 70,000 closets, the decomposable matters conveyed into the streams must to that extent be diminished.

All the dirty water of households and of manufactories, however, finds its way into the sewers and the streams, and in spite of the matters withheld from

the closets, and of the acids and salts which tend to neutralise the contents of the streams, yet the outpouring of 10,000 water closets and the other polluted waters that the rivers receive do give to them an odour which, though entirely unlike that of ordinary decomposing or putrifying animal matter, yet must to a certain extent communicate itself to the atmosphere. So altered is the odour from the chemical action to which the matters have been subjected that I cannot recognise in it the ordinary smell of animal putrefaction, and I am unable to say what may be its specific action on human health. Whatever it be, however, the action of the Corporation in regard to the closets must have largely diminished the amount of it.

The closing of burial grounds throughout the city must also have kept out of the atmosphere the results of much decomposition.

The other impurities of the Manchester atmosphere may be classed as irritants, chiefly affecting the air passages of the lungs. They are :—

The dust, more or less ferruginous, raised in the streets by winds and incessant traffic.
The dust from various manufactories.
Coal smoke.
Evolutions of irritating gases from chemical works.

The dust of the streets is regulated by the nature of the pavement and the amount of watering it receives.

The muriatic acid from alkali works, the sulphuric and sulphurous acids from vitriol works, the sulphurous and arsenical fumes from copper smelting works, and irritant vapours from many manufactories, must at one time have seriously affected the atmosphere, but the "Alkali Acts" passed in recent years in progressive stringency have placed all these works under special and able inspection, and it is satisfactory to know that the improved methods of working have practically reduced the amount of acid vapours evolved below the minimum required by the Acts.

There seems to remain, then, but the coal smoke which hangs as a constant canopy over the city as a considerable polluter of the external atmosphere. The action of coal smoke is two-fold. Its solid particles which give it colour consist of charcoal, bitumen, resin, and salts of ammonia, with a little naphthaline. This is the visible part of the smoke existing in exceedingly minute particles which are drawn into the lungs with every inspiration. It is impossible but they must irritate the air passages, and where lesion of the lungs exists effect actual and permanent lodgment. To asthmatical or bronchitic people an atmosphere laden with such particles must be very injurious, and even to the healthy the constant inhalation of such particles

must be very prejudicial. But in addition to these, coal smoke contains sulphuretted hydrogen and sulphurous acid. The latter is an irritant, but the sulphuretted hydrogen, which exists in sufficient quantity to produce a rapid tarnishing of silver exposed to the air of the streets, has a poisonous and depressing effect which must more or less give a sombre tone to the mind, an enfeebled, wearied, and depressed feeling to the body, and possibly by this reduced vital power predispose the system to take on disease. How much may the intemperance which we so much deplore in men, and still more in women, be an effort to cast off the depression produced by this dark canopy? How much does the interception of the sun's rays by this dark shadow lessen our happiness and impair our health?

That a considerable diminution in the density of the smoke poured into the city atmosphere has taken place within the last few years must be obvious to any one whose acquaintance with Manchester extends over a considerable period.

The Corporation has indeed, by successive regulations of increased stringency, and by the employment of additional inspectors, endeavoured to diminish this monster evil. A few years ago black smoke was allowed to be emitted from the chimneys of manufactories during four minutes in each half hour, before legal proceedings were taken. At the present time black smoke is not allowed to be emitted for more than one minute in thirty.

If the progress of smoke abatement has been less rapid than could have been wished, it has sprung from a feeling of hesitancy to interfere with the manufactories on which the welfare of the city depends, and from insufficient confidence in the contrivances which have been brought forward to effect the consumption of smoke. The last exhibition of apparatus for the consumption of smoke, however, marked a distinct advance in the arrangements for this purpose. I am informed by a member of the Health Committee that a great extension in the use of gas engines up to 50 horse power has taken place recently. As these engines do away with the necessity for a boiler, and, requiring no chimney, give off no smoke, it is probable that on these accounts as well as their utility, where economy of space is important, they will rapidly come into general use, and will possibly be so far improved as to be applicable where still greater power is required.

Where great heat is required and vast machinery is to be moved Siemens' furnaces will supply the necessary power. These furnaces produce no smoke, and require very short chimneys, and can be applied not only for the production of steam, but in many operations, as iron puddling, gas manufacture, &c., where, under the old system, great volumes of smoke would be emitted. In speaking of Siemens' furnaces I am not unaware that several modifications have been proposed and patented, which may be improvements, but the great

principles on which these furnaces are constructed were first enunciated and applied by the Messrs. Siemens. Taking into consideration the extended applicability of gas engines, the power afforded by furnaces constructed on the Siemens' principle, and the improvements in arrangements for the consumption of smoke, as applied to ordinary furnaces, exhibited at the last great exhibition in Manchester, it can scarcely be said that even at the present time means do not exist for the entire suppression of the smoke nuisance.

In treating of this subject we cannot overlook the great fact looming in the future that electricity as a source of power is destined to play a great part in our manufactures. The time cannot be far distant when the inhabitants of Manchester, if they cannot breathe a pure, will at any rate breathe a less fuliginous atmosphere.

To the pollutions of the atmosphere ought, of course, to be added the mixed effluvia, gaseous or otherwise, of sewers. From their composition and warmth these are somewhat lighter than the atmosphere, and naturally seek the highest outlet. The Corporation has therefore constructed a large number of shafts at the highest points of the sewage system, and by these a large amount of sewer gases is delivered into the atmosphere at so considerable an altitude as to subject the gases to the distributing action of the winds, by which they will become diffused and decomposed, that is, oxidised.

From the outside of the houses we go into the inside, and still have to do with the atmosphere. In the absence of sewer gases, a foul atmosphere in a house is the result of dirt, of person, clothing, furniture, or material of construction, and usually of all these together. Where dirt exists the air is usually but little and unfrequently changed, and it becomes additionally charged with emanations from the skin and from the lungs, and there is often superadded to this the floating poison of infectious disease. Cleanliness and ventilation are here the great requisites. The Corporation has provided abundance of water for cleanliness, and has so purified the air that it is infinitely better without than it is within. It has done more; it has provided that rooms shall be of a certain size, and that as regards some of the dwellings only a certain number of persons shall live within a certain cubic area. It has insisted on a yard of 70 square feet to each house, on 5ft. passages between the backs of rows of houses, of 24ft. distance between the backs themselves, of a separate closet to each house and yard; but it has not required that the foundations of the house shall be dry, that all drains shall be outside the dwelling, and, I was going to say, that all walls shall be well built, but, when I recollect that the mud which used to pass for mortar is replaced by the mortar of the Manchester Corporation, which sets like iron and is almost impermeable to moisture, I temper the expression, though the quality of the bricks and the thickness of the walls leave much to be desired.

The requirements I have cited are for houses erected after a certain date, and occupying the newer parts of the city. The old houses are the worst, occupying the central parts of the city. A large portion have no yards, have no passage through them; when in rows have small intervening spaces at the back; the houses are dilapidated and the walls and ceilings and floors are saturated with the dirt and exhalations of a succession of human beings for a century.

Well! what has the Corporation done for these? It has closed all the cellars underneath them used for dwellings. It has from time to time picked out the worst and closed them as unfit for human habitation. It has required others to be put into better repair, and has closed them in the meantime. It must be said, however, that the extinguishment of houses unfit for human habitation by the Corporation has been surpassed in amount by that resulting from private enterprise. The exigencies of commerce, particularly as developed by railway enterprise, have led to the destruction of a very large number of the worst houses in the central portions of the city; but a large number also still remain, and call for the action of the Corporation.

The Artizans and Labourers Dwellings Act was intended to meet the disturbance of population caused by the extension, more especially of railway accommodation in the form of large stations, which had displaced great numbers of working men in London, who had difficulty in finding homes. It was afterwards extended to large towns, with a view to the voluntary destruction of groups of insanitary houses, and the building on their sites, or near to them, of good and wholesome dwellings, at rents to place them within the reach of the poorest. Certain areas were tested in London, Liverpool, Birmingham, and other large towns, but with results entailing so heavy a pecuniary loss on the corporate bodies who made the experiments that an entire discontinuance of the use of the Act has followed, and it is now practically a dead letter.

Extensive inquiries were made by the Health Committee as to the success of certain masses or blocks of buildings constructed with a view to health and economy in London and Liverpool, and in some other towns. These buildings were erected by private enterprise, or private benevolence, but the early results, both in a sanitary and pecuniary sense, were scarcely encouraging. Later annual reports, however, have furnished more satisfactory statements, both as to the rate of mortality within these buildings and of the interest that they pay.

The sanitary condition of the dwellings of the people, together with the best modes of ameliorating the state of the worst houses, or otherwise disposing of them, was very fully considered by the Health Committee in 1878; and a

report was drawn up by the Officer of Health embodying the results of his own inquiries, and those of the Health Committee, which was printed *in extenso* in the same year, accompanied by an illustrative map.

As the experience acquired in the towns which put into operation the Artizans and Labourers Dwellings Act, and those in which experimental blocks of buildings were raised, has been considerably enlarged since 1878, it is desirable that the whole subject should be reinvestigated.

The most extensive reconstruction of dwellings in any part of the United Kingdom has been in Glasgow; and, as the mortality of that city has been considerably reduced since our last inquiry, it would be well to make a visit to Glasgow ere long, or at any rate to obtain fresh information as to the result of the alterations.

I have said that an occasional local impurity of the atmosphere is furnished by the floating germs of infectious disease. At this day no one believes that the exciting cause or causes of such diseases as scarlet fever, smallpox, typhus or typhoid fever, whooping cough, or measles exist as mere gases or vapours of the simple composition of the gases or vapours known to chemists. It is believed by physiologists and pathologists that these poisons are germs each of a special nature, capable of reproducing themselves with great rapidity when received into the human body by inhalation or otherwise, and of producing the specific diseases of which they are themselves the products. It cannot be said that to a large extent these germs have been physically identified; but, inasmuch as there are entire living animals, with all their complex parts and organisations, which the highest powers of the microscope have only just rendered visible, it may well be said that the poison germs of the above-mentioned diseases are far too minute for ocular demonstration by any powers that we as yet possess. Nevertheless, their properties are such as to lead us to believe that they are organic if not organised structures, and perhaps of the nature of ferments.

Outside their power of reproducing themselves and establishing certain forms of disease, their most important property to us, and which is in accordance with the known properties of animal and vegetable ferments, is that of their amenity to the action of certain re-agents and of heat, by which their composition or condition is altered and they are rendered innocuous. Such re-agents are carbolic acid, creosote, certain mineral salts, heat, chlorine, sulphurous acid, &c. The first list probably act by coagulating the albumen of the organic poisons, and the latter by effecting an actual chemical change within them, and so rendering them inert. It is on these properties that our power over them exists. Our staff of disinfectors liberate, in the houses where they exist, chlorine, sulphurous acid, and carbolic acid, and convey away from

the houses all moveable infected articles, chiefly clothing and bedding, and in a specially constructed oven subject them to a temperature considerably above that of boiling water, by which the poison germs are destroyed. But, as an infected person is continually giving out, by his breath, perspiration, and excretions, these poison germs to the danger of all around him, he also is removed to a special hospital, where his chance of recovery is improved and his danger to others destroyed.

At the time of the formation of the Health Committee the medical institutions of Manchester had fallen into desuetude for cases of infectious disease. The old House of Recovery in Aytoun Street, which once held about 100 beds, had been sold and pulled down, and the Manchester Infirmary, alone of all the institutions in Manchester, professed to take in infectious cases; but the danger from this was so great that practically no cases were admitted until insisted on by the Health Committee. The inconvenience and danger were such that they led to the erection of Monsall Hospital, which was founded by a former mayor of Manchester, and from its origin has been largely supported by the Corporation. This hospital and its appendages afford accommodation for all the adult cases of infectious disease in Manchester. Some few cases of children are admitted, but these chiefly find their way to the Children's Hospital at Pendlebury, which is also largely supported by the Corporation. When all these requirements were supplied, there was still the difficulty of obtaining information respecting the occurrence of the cases of infectious disease. Some medical men, feeling the desirability of removal of some of the persons resident in unwholesome localities, or in crowded houses, spontaneously communicated the information, and assisted the officers of the Health Department in facilitating the removal. Besides this, the officers of the department, when disinfecting a house, made careful inquiries respecting the existence of other infected houses in the neighbourhood. Still it was felt that a great number of cases must occur of which the department never received any information whatever, except when the diseases proved fatal, when the Registrar's certificate afforded the first information.

The Corporation sought the powers conferred by the Registration of Diseases Act, under which the medical attendant on any infectious case, and the occupier of the house in which it occurred, were required to give immediate information to the Officer of Health. That this Act, in its ultimate results, will be of the utmost importance there can be no doubt, but it has so recently come into operation that it is too early to say more about it than that the arrangements for the working of it appear to be in every way satisfactory.

It may be well to say that after the patient has been removed from an infected house by the Health Officers, as also the bedding, clothes, &c., have been removed for disinfection, and the premises have been thoroughly treated

with chlorine, carbolic acid, &c., and afterwards swept by a free current of air, the wall papers, if any, are stripped from the walls; the walls, floors, &c., dressed with a solution of caustic soda, and the whole house afterwards thoroughly cleaned. So complete is the disinfection, and so thorough the cleansing, that it is a very rare circumstance for an infectious disease to break out a second time during the prevalence of the same epidemic.

For the removal of patients to hospital the Corporation has provided a most comfortable ambulance or carriage, fitted up with a bed for the patient to lie on, and furnished with all conveniences. The officers also personally effect the removal of the patients, taking all trouble upon themselves.

This, perhaps, is the best place to say that the duties of the Health Department in effecting the removal of patients have been rendered much less difficult than they otherwise might have been by the extreme kindness and sympathy displayed towards the patients, on their arrival at and residence in hospital, by the hospital staff. The patients usually, on return to their homes, are loud in their expressions of gratitude to the medical officers and nurses under whose care they have been. In addition to the ambulance, or carriage for patients, the Corporation has also provided two commodious vans capable of being tightly closed, one for the conveyance of infected clothing, bedding, &c., to the disinfecting oven, the other for the return of the disinfected articles.

Altogether, it is probable that in no town in the kingdom do there exist better or more efficient arrangements for the sanitary treatment of infectious disease, whether on sudden outbreak or in its endemic form; and still, as I have endeavoured to show, further efforts and provisions will be necessary if we must effectually grapple with those forms which especially affect children, and add so largely to our rate of mortality.

I have endeavoured thus briefly to show how much has been done for the sanitary welfare of the city, within a few years, by the Corporation which represents its interests, that the efforts have been and are continuous, and they must of necessity go on till all that can render a population such as ours as healthy as is consistent with its social condition has been accomplished. I wish it were possible to make the people themselves conscious of how much they could do by personal effort to better their health and to better their condition. The curse of the time is, and has been, drink. Drink is the demon which largely neutralises our best efforts, which makes the homes of our people squalid, the men and the women poor in physical and moral health, and is the cause that thousands of the helpless children born to them are swept into the grave who might otherwise have lived to be, perchance, the strength and the ornament of their country.

To be enabled to judge of the large outlay that has been incurred in sanitary measures, it is only necessary to cite—

The Manchester Waterworks, coupling with this the Thirlmere Scheme.
Public Baths.
Parks and Open Spaces.
Closet reconstruction.
Conveyance and conversion of excreta, &c.
Abattoirs.
Arrangements in connection with infectious diseases.

TABULATION OF SANITARY WORK AFFECTING THE CITY OF MANCHESTER, EITHER THE RESULT OF THE ACTION OF THE CORPORATION, OF PRIVATE BENEVOLENCE, OR EFFECTED THROUGH GENERAL ACTS OF PARLIAMENT.

In relation to Water

Improved quality of water, and more ample supply from new waterworks.
Further improvement in purity and quality from Thirlmere sources.
Provision of public baths.

Food

Food and Drugs Act 1872, and subsequent Acts.
Dairies, cow-sheds, and milk-shops, Regulation of
Order in Council 1879, and subsequent orders in regard to the cleansing and ventilation of cow-sheds, milk-shops, &c.
Improved purity and supply.
Improved market accommodation.

Air—Improvements in quality by—

Better sweeping and scavenging of streets, courts, passages, &c.
Removal of all old middens and cesspools.
Total reconstruction of closets.
Abolition of depôts of nightsoil.
Cessation of nocturnal heaps of nightsoil in the streets.
Construction of abattoirs, and closing of a large number of private slaughter-houses.
Reduction of the amount of black smoke by three-fourths.
Alkali Acts.
Suppression of noxious vapours from chemical works.
Provision of public parks and open spaces.
Diversion of contents of 60,000 closets from sewers.

Houses

Closing of all cellar dwellings.

Closing of a large number of houses unfit for human habitation.

Removal of many houses unfit for human habitation by widening of streets, construction of railway stations, erection of commercial buildings, &c.

Disconnection of sink pipes with drains.

Disconnection of many drains with houses, and better trapping of drains.

Ventilation of sewers.

Appointment of additional inspectors of nuisances, &c.

Prevention of over crowding in houses occupied by members of more than one family, such houses not coming within the "common lodging-house" category.

Removal of all offensive matters from works, stables, yards, &c.

Streets

Building requirements and regulations—

Wider streets.

Wider spaces between backs of houses.

Wider passages.

Yard to each house.

Closet to each house.

Cessation of back-to-back houses.

Greater cubical area for each occupant in common lodging-houses.

Frequent emptying of closets.

Removal of contents of dust-bins at short intervals.

Occupations and business premises—

Supervision under Workshops Regulation Acts and Factory Acts.

Infectious Diseases

Isolation of infectious disease.

Monsall Hospital.

Pendlebury Hospital.

Ambulance arrangements.

Van arrangements.

Disinfecting oven.

Disinfection of houses.

Cleansing of houses after disinfection.

Reporting cases of infectious disease to Officer of Health by medical practitioners and occupiers of houses.

Act of Parliament.

Description and Statistics

OF

SANITARY DISTRICTS

IN THE

Registration Sub-District of St. George's.

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT NO. 1.

SCALE 7½ INCHES = ¼ OF A MILE.

HOUSES BUILT SINCE 1870 .....
" " 1850 .....
" " 1830 .....
" BEFORE 1830 .....
CHURCHES, SCHOOLS, MILLS, &c. .....
PUBLIC HOUSES X

Richd. A. Bastow

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 1

Boundaries

City Boundary	Oldham Road
Queen's Road	Rochdale Road

Sanitary Sub-Districts included within No. 1 Sanitary District

Number 20
" 21
" 22

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 1 Sanitary District contains the following Streets, proceeding from Queen's Road to the City Boundary:—

Queen's Road	Dickens Street	Emmett Street
Rudyard Street	Monsall Street	Rowbotham Street
Alton Street	High Burton Street	Tilt Street
Andrew Street	Pearson Street	Coghlan Street
Turnbull Street	Bednal Street	Malton Street
Henhurst Street	Craig Street	Oram Street
Woodley Street	Dyson Street	Sealey Street
Romiley Street	Gateforth Street	Wragby Street
Werneth Street	Hayden Street	Steele Street
Rocester Street	Newburgh Street	Jessie Ann Street
Anderton Street	Baguley Street	Wade Street
Sudbury Street	Croft Street	Walton Street
Warhurst Street	Elias Street	Bowker Street
Turkey Lane	Lodge Street	Roach Street
Sawyer Street	Sanderson Street	Thorn Street
Green Mount Place	Field Street	Cohen Street

The Streets arranged according to their Width

	ft.	in.
Alton Street	44	5
Rocester Street	38	4
Craston Street	37	3
Lodge Street	36	7
Turnbull Street	36	6
Craig Street	36	4
Dyson Street	36	4
Gateforth Street	36	4
Sanderson Street	36	4
Turkey Lane	36	4
Wade Street	36	3
Rudyard Street	36	2
Newburgh Street	36	0
Sudbury Street	36	0
Monsall Street	35	11
Anderton Street	35	8
Hayden Street	35	8
Pearson Street	32	11
Andrew Street	32	4
Field Street	31	2
Walton Street	31	2
Bednal Street	30	9
Coghlan Street	30	8
Tilt Street	30	5
Oram Street	30	4
Warhurst Street	30	4
Roach Street	30	2
Rowbotham Street	30	2
Steele Street	30	2
Bowker Street	30	1
Thorn Street	30	1
Elias Street	30	0
Malton Street	30	0
Newburgh Street	30	0
Sawyer Street	29	11
Dickens Street	29	10
Wragby Street	29	9
Sealey Street	29	2
Romiley Street	28	8
Woodley Street	28	6
Werneth Street	28	3
High Burton Street	27	5
Baguley Street	24	3
Jessie Ann Street	24	3
Henhurst Street—one side only		
Green Mount Place ,,		
Emmett Street ,,		
Croft Street ,,		
Cohen Street ,,		

The Streets arranged Alphabetically

Alton Street
Anderton Street
Andrew Street
Baguley Street
Bednal Street
Bowker Street
Coghlan Street
Cohen Street
Craig Street
Craston Street
Croft Street
Dickens Street
Dyson Street
Elias Street
Emmett Street
Field Street
Gateforth Street
Green Mount Place
Hayden Street
Henhurst Street
High Burton Street
Jessie Ann Street
Lodge Street
Malton Street
Monsall Street
Newburgh Street
Oram Street
Pearson Street
Roach Street
Rocester Street
Romiley Street
Rowbotham Street
Rudyard Street
Sanderson Street
Sawyer Street
Sealey Street
Steele Street
Sudbury Street
Thorn Street
Tilt Street
Turkey Lane
Turnbull Street
Wade Street
Walton Street
Warhurst Street
Werneth Street
Woodley Street
Wragby Street

Altitudes above the Sea Level

	ft.	in.
Bolt in east pier of Regent Road Bridge, near Water Street, 4ft. above the surface of the Irwell at this point.....	86	0
Mark on the wall of the Manchester Royal Infirmary (the mark is close to the flags)	149	9
Step of the toll house, Newton Heath, level with the surface of the ground.....	208	0
Lamb Lane, Oldham Road, being a portion of Queen's Road	209	0
Bottom of Emmett Street, Queen's Road.....	210	0
Queen's Hotel, Queen's Road	211	0

Sewers

The foundation rocks on which the subsoil rests are the outcropping edges of the upper members of the Manchester coalfield, including the coalfields of Blackley, Clayton, and Bradford, and these rise immediately from under the Permian sandstone which is exhibited in the sand delph of Sir E. Buckley, at Collyhurst.

The slope of the land is to Collyhurst Street and to Moston Brook.

The middle of the district is traversed by Moston Brook, which runs nearly south west from the boundary of the city, and empties itself into the Irk at the lower end of Collyhurst Road. The brook has recently been arched over, the valley filled up, and the soil built upon. This brook now constitutes the principal sewer of the district. All the streets contiguous to Queen's Road are drained into the Queen's Road sewer, which runs along Queen's Road from the Railway Station as far as the tip, and then passes down Culvert Street to the eye in Churnet Street, where it discharges itself into the Brook. The Queen's Road sewer at the end of Wilberforce Terrace, in No. 2 District, is 30ft. deep, and the Churnet Street sewer, which also empties itself into the eye at Churnet Street, is 19ft. deep; the eye itself is 21ft. deep. The sewer which runs down Turkey Lane and along Andrew Street into Queen's Road sewer drains all the streets between Rochdale Road and Andrew Street; and the sewers of the streets between Moston Brook and Rochdale Road run indirectly into the Culvert Street sewer. Every part of the district is favourably situated for water-fall, as the ground rapidly rises from Collyhurst Street to Turkey Lane, from Collyhurst Street to Oldham Road, and from Collyhurst Street, Oldham Road, to Queen's Road, or Lamb Lane, in Oldham Road. There is also a gradual descent in Queen's Road, both from east and west, to Moston Brook.

Houses

The whole of the houses have been built since 1850, and a considerable portion since 1870. The only exceptions are two small blocks in Queen's Road.

There is no court or occupied passage in the district.

The width of the streets varies from 24ft. to 44ft.; by far the largest number being over 30ft., in accordance with the bye-law of the Council of the city of Manchester, 1868, which require a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two stories. Each house erected since 1868 has an open yard or area containing at least 70 square feet, in accordance with bye-law No. 11.

The passages between the lines of yards since 1868 are 5ft. wide, in accordance with bye-law No. 12. There is also a space of 24ft. between the backs of the houses, in accordance with the said bye-law.

The streets generally have been paved and sewered and are for the most part in good condition. The houses as a rule are built without cellars or ventilating spaces under the floors; they rise in fact directly from the ground. The outside walls are 9in. thick and the inside walls 4½in. thick. A considerable number have bay windows in the front rooms. Houses thus constructed cannot be otherwise than damp. The absence of any provision to prevent the moisture of the ground rising into the walls and the thinness of the latter (affording so little defence against rain) prevent the interior being ever so dry as a house should be. From the want of subjacent ventilation any emanation from the soil must find immediate vent into the houses.

The streets enumerated within this district contain, according to actual counting in each individual street, 1,841 houses (*Bastow*). The number contained in the Overseers' books for the year 1880-81 was 1,830, of which 312 were unoccupied, leaving 1,518 as tenanted houses.

Places of Worship

Church of England ..... Rowbotham Street
Preaching Room, Primitive Methodist ..... Rowbotham Street
Chapel, Free Church ..... Lodge Street
Chapel, Independent ..... Rocester Street
Chapel, Baptist ..... Turkey Lane

Works

Andrews' Dye Works ..... Turkey Lane

Data POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 1 Sanitary District contained, according to the Overseers' books for the current year, 1,518 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants	7,605
Multiplied by 4·95 the number will be	7,514
Multiplied by 4·82 the number will be	7,316
The mean of these three estimates is	7,478

Which will tolerably represent the population of the district.

A large part of the male population is employed by the Lancashire and Yorkshire Railway Company, which has very extensive works in the neighbourhood; these persons chiefly reside on the eastern side of the district. The west central part is occupied by mechanics, joiners, clerks, and warehousemen; the western boundary chiefly by shopkeepers.

Sanitary District No. 1

Mortality

From 26th December, 1879, to 23rd December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 203.

Death Rate

According to the population estimated by the average city rate of occupation 203 deaths would give a rate per 1,000 of	26·69
According to the township rate of occupation	27·01
According to the registration sub-district rate	27·74
The mean of these three estimates of population	27·14

Details of Death, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 26	2, Baguley Street	F	9 months	F Labourer	Pertussis
„ 26	2, Baguley Street	F	3 years	F Labourer	Do.
„ 26	65, Baguley Street	M	1 year	F Bricklayer	Tabes mesenterica
30	8, Hayden Street	F	11 months	F Bass dresser	Meningitis
1880					
Jan. 1	3, Wragby Street	F	3 months	F Greengrocer	Pertussis
„ 7	89, Sanderson Street	M	33 years	F Pattern maker	Scarlatina
„ 7	42, Dickens Street	M	78 years	Farmer	Chronic bronchitis
„ 9	56, Rudyard Street	M	14 months	F Traveller	Laryngismus stridulus
„ 9	36, Dickens Street	F	49 years	Cook	Disease of heart
„ 10	161, Queen's Road	F	1¾ years	F Beerseller	Pneumonia
„ 10	26, High Burton Street	F	1 year	F Weaver	Bronchitis
„ 11	7, Tilt Street	F	8 months	F Labourer	Do.
„ 14	50, Elias Street	F	1½ years	F Dyer	Pneumonia
„ 15	73, Newburgh Street	F	6 years	F French polisher	Pertussis
„ 15	50, Elias Street	M	5 years	F Dyer	Pneumonia
„ 16	81, Pearson Street	M	2 years	F Carter	Bronchitis
„ 17	16, Dickens Street	F	45 years	H Iron turner	Tuberculosis
„ 18	7, Wade Street	M	35 years	Cotton piecer	Phthisis
„ 18	30, Alton Street	F	27 years	Machinist	Do.
„ 19	8, Wade Street	F	48 years	H Packer	Peritonitis
„ 19	3, Thorn Street	F	6 months	F Labourer	Tabes mesenterica
„ 19	30, Hayden Street	M	10 months	F Iron dealer	Dentition
„ 20	30, Alton Street	M	62 years	Bailiff	Congestion of lungs
„ 24	9, Oram Street	M	1¾ years	F Labourer	Bronchitis
„ 26	17, Anderton Street	F	2¼ years	F Dyer	Pertussis
„ 26	17, Baguley Street	M	3 years	F Tailor	Do.
„ 29	115, Queen s Road	M	2¼ years	F Traveller	Scarlet fever

SANITARY DISTRICT No. 1—DETAILS OF DEATH, 1880—continued

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Feb. 1	3, Cohen Street	M	43 years	Gardener	Phthisis
,, 3	4, Baguley Street	M	38 years	Joiner	Do.
,, 4	30, Sanderson Street	M	21 years	Boiler maker	Do.
,, 4	31, Barwick Street	F	2 weeks	Labourer	Pulmonary congestion
,, 5	19, Steele Street	M	56 years	Engine fitter	Aneurism of aorta
,, 6	9, Steele Street	F	3 days	Tailoress	Convulsions
,, 8	9, Emmett Street	M	60 years	Bolt maker	Tuberculosis
,, 8	29, Monsall Street	M	52 years	Wheelwright	Bronchitis
,, 8	56, Newburgh Street	M	62 years	Brickmaker	Chronic bronchitis
,, 11	17, Monsall Street	F	7 months	Warehouseman	Pertussis
,, 14	109, Queen's Road	F	13 months	Stockkeeper	Dentition
,, 14	23, Newburgh Street	F	3 years	Saddler	Diphtheria
,, 15	44, Alton Street	F	25 years	Clerk	Puerperal septicœmia
,, 16	35, Rocester Street	F	10 months	Bricklayer	Pertussis
,, 18	8, Elias Street	M	8 months	Lurryman	Spasm of glottis
,, 19	23, Wade Street	F	2¾ years	Labourer	Scarlet fever
,, 21	10, Sudbury Street	M	16 years	Warehouseman	Phthisis
,, 27	19, Romiley Street	M	83 years	Pensioner	Apoplexy
,, 28	22, Newburgh Street	M	3 years	Iron fitter	Scarlatina
,, 29	8, Monsall Street	M	6¾ years	Railway guard	Peritonitis
Mar. 10	90, Newburgh Street	M	3 years	Goods guard	Pertussis
,, 11	3, Wragby Street	F	17 years	Greengrocer	Tubercular meningitis
,, 13	17, Rudyard Street	F	70 years	Iron fitter	Paralysis
,, 14	5, Romiley Street	M	1¼ years	Grinder	Pertussis
,, 20	3, Henhurst Street	M	38 hours	Pawnbroker	Convulsions
,, 21	56, Elias Street	M	8 years	Joiner	Congestion of brain
,, 25	22, Bedual Street	F	6 years	Carter	Meningitis
,, 27	60, Rowbotham Street	F	7 weeks	Labourer	Convulsions
,, 27	138, Pearson Street	F	7 months	Spindle maker	Pertussis
,, 28	23, Newburgh Street	F	2 years	Saddler	Scarlatina
,, 29	27, Newburgh Street	F	2 years	Bookkeeper	Do.
,, 29	55, Newburgh Street	F	11 months	Cotton carder	Pertussis
,, 30	11, Woodley Street	F	1¾ years	Packer	Pneumonia
,, 30	4, Tilt Street	M	1 year	Housekeeper	Tabes
,, 30	21, Romiley Street	F	1¾ years	Painter	Do.
,, 31	25, Rowbotham Street	F	23 years	Box maker	Heart disease
,, 31	27, High Burton Street	M	4 months	Labourer	Convulsive fit
Apl. 2	37, Steele Street	F	69 years	Widow	Senile decay
,, 2	76, Lodge Street	M	1 year	Blacksmith	Pertussis
,, 4	30, Woodley Street	F	6 years	Iron planer	Scarlatina
,, 4	79, Bowker Street	M	1½ years	Railway guard	Whooping cough
,, 4	26, Monsall Street	M	5 months	Painter	Pulmonary congestion
,, 5	7, Walton Street	F	42 years	Warehouseman	Bright's disease
,, 6	20, Woodley Street	F	2 years	Fish dealer	Scarlatina
,, 7	7, Henhurst Street	M	2¼ years	Boiler maker	Effusion on brain
,, 8	61, Emmett Street	F	9 weeks	Warehouseman	Bronchitis
,, 9	138, Pearson Street	M	2 years	Spindle maker	Pertussis

SANITARY DISTRICT No. 1—DETAILS OF DEATH, 1880—continued

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 9	50, Newburgh Street	M	3 weeks	Smith	Bronchitis
„ 10	8, Elias Street	M	10 months	Iron turner	Do.
„ 11	8, Rowbotham Street	M	1 week	Storekeeper	Debility
„ 11	165, Queen's Road	F	2 years	Compositor	Broncho-pneumonia
„ 11	4, Warhurst Street	F	1¾ years	Joiner	Pertussis
„ 13	108, Pearson Street	F	1¾ years	Labourer	Morbilli
„ 14	48, High Burton Street	F	1¼ years	Collier	Tabes
„ 14	106, Pearson Street	F	2 years	Painter	Whooping cough
„ 15	52, Pearson Street	M	1½ years	Joiner	Measles
„ 16	15, Bednal Street	M	9 months	Baker	Morbilli
„ 17	3, Thorn Street	F	36 years	Striker	Phthisis
„ 20	47, Newburgh Street	F	14 months	Labourer	Teething
„ 21	36, Monsall Street	M	42 years	Cotton weaver	Malignant tumour
„ 21	119, Queen's Road	M	35 years	Fish dealer	Phthisis
„ 21	16, Rudyard Street	M	1 week	Iron fitter	Debility
„ 22	85, Pearson Street	F	1¾ years	Labourer	Tuberculosis
„ 23	15, Dyson Street	F	18 months	Moulder	Bronchitis
„ 24	10, Hayden Street	M	1¼ years	Paper hanger	Pertussis
„ 25	66, Newburgh Street	F	8 months	Maker-up	Meningitis
„ 25	66, Sanderson Street	F	2 months	Labourer	Syphilis
„ 26	21, Walton Street	F	2 years	Labourer	Diarrhœa
„ 27	44, Pearson Street	M	8 months	Engine driver	Measles
„ 27	8, Monsall Street	M	3 years	Railway guard	Laryngitis
„ 28	46, Lodge Street	M	57 years	Butler	Epithelioma of tongue
„ 28	16, Dickens Street	F	1¼ years	Iron turner	Scarlatina
„ 29	744, Rochdale Road	M	13 months	Cashier	Dentition
May 2	28, Hayden Street	F	1½ years	Plasterer	Pertussis
„ 4	23, Andrew Street	M	18 years	Carter	Hepatitis
„ 5	133, Sanderson Street	M	1¾ years	Joiner	Tuberculosis
„ 6	165, Queen's Road	M	3 months	Compositor	Bronchitis
„ 7	23, Andrew Street	M	8 months	Carter	Pertussis
„ 7	42, Newburgh Street	M	10 years	Labourer	Do.
„ 8	9, Wragby Street	F	8 months	Striker	Do.
„ 8	44, Lodge Street	F	11 months	Butcher	Hydrocephalus
„ 15	107, Queen's Road	M	1½ years	Vanman	Rubeola
„ 20	45, Dickens Street	M	9 months	Painter	Marasmus
„ 23	23, Monsall Street	F	1½ years	Storekeeper	Meningitis
„ 26	19, Wragby Street	F	2 weeks	Labourer	Bronchitis
„ 27	15, Henhurst Street	F	10 weeks	Boiler maker	Debility
„ 29	150, Lodge Street	M	36 hours	Hammerman	Cyanosis
„ 29	97, Sanderson Street	F	27 years	Housekeeper	Pneumonia
„ 30	6, Elias Street	F	11 months	Mechanic	Natural causes
„ 31	15, Lodge Street	M	3 years	Labourer	Scarlatina
„ 31	37, Sanderson Street	M	17 years	Pointsman	Tuberculosis
June 1	19, Newburgh Street	M	11 months	Cooper	Measles
„ 9	53, Sanderson Street	F	3½ years	Grinder	Scarlatina
„ 12	122, Pearson Street	M	1 year	Wheelwright	Marasmus

Sanitary District No. 1—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
June 12	81, Newburgh Street	F	7 months	F Railway guard	Rubeola
„ 17	142, Lodge Street	M	2 years	F Labourer	Laryngitis
„ 19	117, Sanderson Street	F	8 months	F County court officer	Enteritis
„ 21	31, Newburgh Street	M	17 months	F Joiner	Pertussis
„ 22	51, Newburgh Street	F	62 years	Widow	Apoplexy
„ 26	81, Bowker Street	M	59 years	Wagon maker	Contracted kidneys
„ 27	15, Monsall Street	F	70 years	Widow	Senile decay
„ 29	39, Hayden Street	M	10 months	F Labourer	Diarrhœa
July 5	99, Monsall Street	M	2¼ years	M Servant	Scarlet fever
„ 7	65, Sanderson Street	M	2¾ years	F Fitter	Pertussis
„ 12	23, Hayden Street	M	8½ months	F Chair maker	Dentition
„ 17	5, Wade Street	M	8 weeks	F Labourer	Diarrhœa
„ 18	60, Pearson Street	M	29 years	Engraver	Tuberculosis
„ 19	4, Warhurst Street	F	13 days	F Joiner	Asthenia
„ 24	24, Steele Street	M	21 years	Fitter	Hanged himself
Aug. 1	11, Barwick Street	M	11 weeks	F Labourer	Pneumonia
„ 6	12, Craig Street	M	49 years	Labourer	Effusion on brain
„ 9	38, Pearson Street	F	7 weeks	F Cotton doubler	Debility
„ 13	31, Anderton Street	F	3 years	F Postman	Diarrhœa
„ 13	2, Baguley Street	F	34 years	H Designer	Phthisis
„ 14	5, Malton Street	F	8 months	F Porter	Diarrhœa
„ 20	9, Wragby Street	M	9 years	F Labourer	Tuberculosis
„ 20	67, Sanderson Street	M	10 months	F Grocer	Diarrhœa
„ 20	8, Craig Street	M	13 years	F Stonemason	Hip joint disease
„ 21	271, Queen's Road	M	16 years	F Draper	Phthisis
„ 21	51, Monsall Street	F	13 years	F Railway guard	Tuberculosis
„ 22	4, Monsall Street	F	8 years	F Blacksmith	Bronchitis
„ 24	20, Sudbury Street	F	4 months	F Tailor's cutter	Diarrhœa
„ 24	21, Steele Street	F	1½ years	F Spring forger	Tuberculosis
„ 28	4, Warhurst Street	F	25 years	H Joiner	Ulceration of bowels
„ 28	27, Anderton Street	M	13 years	F Chemist	Diarrhœa
„ 29	10, Alton Street	F	3 months	F Fitter	Do.
Sep. 6	43, Sanderson Street	M	1¼ years	F Maker-up	Do.
„ 10	43, Baguley Street	M	2 years	F Labourer	Meningitis
„ 11	32, Lodge Street	M	4 months	F Bleacher	Diarrhœa
„ 11	24, Rowbotham Street	F	4 months	F Waiter	Do.
„ 17	35, Alton Street	M	54 years	Engine fitter	Congestion of liver
„ 21	54, Baguley Street	F	4 years	F Labourer	Disease of kidneys
„ 24	73, Pearson Street	F	16 years	F Gardener	Typhoid fever
„ 25	138, Pearson Street	M	5 months	F Spindle maker	Asthenia
„ 26	28, Rowbotham Street	F	5 years	F Wheelwright	Scarlatina
„ 26	30, Werneth Street	F	1¾ years	F Joiner	Diarrhœa
„ 27	58, Bowker Street	F	6 years	F Joiner	Laryngitis
Oct. 2	5, Hayden Street	F	3½ years	F Townsman	Scarlatina
„ 3	21, Romiley Street	M	1¼ years	F Painter	Meningitis
„ 7	6, Cardiff Street	M	2¾ years	F Stoker	Tuberculosis

Sanitary District No. 1—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Oct. 9	28, Rowbotham Street	F	6 years	Millwright	Scarlatina
,, 9	126, Pearson Street	F	9 months	Mantle maker	Tuberculosis
,, 10	40, Turkey Lane	M	1¼ years	Locksmith	Muco-enteritis
,, 11	6, Cardiff Street	F	5 years	Stoker	Dropsy
,, 12	37, Rocester Street	F	10 months	Labourer	Croup
,, 15	124, Monsall Street	F	44 years	Bricklayer	Bronchitis
,, 15	45, Newburgh Street	F	1¾ years	Wood carver	Tuberculosis
,, 16	40, Turkey Lane	M	10 weeks	Locksmith	Do.
,, 17	45, Baguley Street	M	7 weeks	Labourer	Diarrhœa
,, 18	263, Queen's Road	M	13 months	Provision dealer	Pneumonia
,, 18	1, Warhurst Street	F	9 months	Warehouseman	Convulsive fit
,, 21	56, Newburgh Street	F	67 years	Widow	Chronic bronchitis
,, 22	18, Anderton Street	M	2¼ years	Wheelwright	Tabes
,, 30	45, Alton Street	M	2 months	Vauman	Diarrhœa
Nov. 1	47, Newburgh Street	M	14 months	Grinder	Encephalitis
,, 6	15, Wragby Street	M	3 months	Porter	Convulsive fit
,, 10	17, Bednal Street	F	59 years	Cabinet maker	Ulcers of legs
,, 11	6, Roach Street	F	1¼ years	Engraver	Scarlet fever
,, 13	10, Wragby Street	F	6 years	Carter	Pertussis
,, 14	12, Oram Street	F	10 months	Labourer	Eclampsia
,, 22	4, High Burton Street	M	69 years	Weaver	Natural decay
,, 23	32, Elias Street	M	2¼ years	Coal dealer	Scarlatina
,, 26	58, Lodge Street	F	3 years	Joiner	Do.
,, 28	7, Dickens Street	M	1½ years	Bricklayer	Meningitis
Dec. 3	3, Hayden Street	M	1½ years	Bootmaker	Scarlatina
,, 7	3, Andrew Street	M	59 years	Schoolmaster	Bronchitis
,, 7	37, Sanderson Street	M	14 years	Blacksmith	Ulceration of bowels
,, 8	17, Wragby Street	F	54 years	Umbrella maker	Bronchitis
,, 10	22, Coghlan Street	F	3 weeks	Iron turner	Stomatitis
,, 11	17, Wragby Street	M	9 months	Labourer	Debility
,, 17	6, Andrew Street	F	11 weeks	Clerk	Marasmus
,, 18	29, Romiley Street	M	74 years	Provision dealer	Apoplexy
,, 18	7, Roach Street	F	7 months	Joiner	Tabes
,, 21	5, Henhurst Street	F	26 years	Housekeeper	Phthisis
,, 22	9, Seale Street	M	35 years	Carter	Broncho-pneumonia
,, 23	78, Rowbotham Street	F	13 months	Railway guard	Scarlet fever

Ages at Death

All under 1 year	63	
,, 2 years	104	
,, 3 ,,	123	
,, 4 ,,	134	
,, 5 ,,	135	= 135

All between 5 and 10 years, including the first term	13
,, 10 ,, 20 ,, ,, ,,	11
,, 20 ,, 30 ,, ,, ,,	9
,, 30 ,, 40 ,, ,, ,,	7
,, 40 ,, 50 ,, ,, ,,	8
,, 50 ,, 60 ,, ,, ,,	8
,, 60 ,, 70 ,, ,, ,,	7
,, 70 ,, 80 ,, ,, ,,	4
,, 80 ,, 90 ,, ,, ,,	1
Total deaths	203

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	31·03	Under 4 years	66·00
,, 2 years	51·23	,, 5 ,,	66·50
,, 3 ,,	60·59		
Between 5 and 10 years	6·40	Between 50 and 60 years	3·94
,, 10 ,, 20 ,,	5·41	,, 60 ,, 70 ,,	3·44
,, 20 ,, 30 ,,	4·43	,, 70 ,, 80 ,,	1·97
,, 30 ,, 40 ,,	3·44	,, 80 ,, 90 ,,	·49
,, 40 ,, 50 ,,	3·94		

Deaths per 1,000 *of the mean population* (7,478) *at different ages*

Under 1 year	8·42	Under 4 years	17·91
,, 2 years	13·90	,, 5 ,,	18·05
,, 3 ,,	16·18		
Between 5 and 10 years, including the first term	1·73	Between 50 and 60 years, including the first term	1·06
,, 10 ,, 20 ,,	1·47	,, 60 ,, 70 ,,	·93
,, 20 ,, 30 ,,	1·20	,, 70 ,, 80 ,,	·53
,, 30 ,, 40 ,,	·93	,, 80 ,, 90 ,,	·13
,, 40 ,, 50 ,,	1·06		

SANITARY DISTRICT No. 1—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Jan. 7	89, Sanderson Street	M	33 years	F Pattern maker	Scarlatina
,, 29	115, Queen's Road	M	2¼ years	F Traveller	Scarlet fever
Feb. 19	23, Wade Street	F	2¾ years	F Labourer	Do.
,, 28	22, Newburgh Street	M	3 years	F Iron fitter	Scarlatina
Mar. 28	23, Newburgh Street	F	2 years	F Saddler	Do.
,, 29	27, Newburgh Street	F	2 years	F Bookkeeper	Do.
Apl. 4	30, Woodley Street	F	6 years	F Iron planer	Do.
,, 6	20, Woodley Street	F	2 years	F Fish dealer	Do.
,, 28	16, Dickens Street	F	1¼ years	F Iron turner	Do.
May 31	15, Lodge Street	M	3 years	F Labourer	Do.
June 9	53, Sanderson Street	F	3½ years	F Grinder	Do.
July 5	99, Monsall Street	M	2¼ years	M Servant	Scarlet fever
Sep. 26	28, Rowbotham Street	F	5 years	F Wheelwright	Scarlatina
Oct. 2	5, Hayden Street	F	3½ years	F Townsman	Do.
,, 9	28, Rowbotham Street	F	6 years	F Millwright	Do.
Nov. 11	6, Roach Street	F	1¼ years	F Engraver	Scarlet fever
,, 23	32, Elias Street	M	2¼ years	F Coal dealer	Scarlatina
,, 26	58, Lodge Street	F	3 years	F Joiner	Do.
Dec. 3	3, Hayden Street	M	1½ years	F Bootmaker	Do.
,, 23	78, Rowbotham Street	F	13 months	F Railway guard	Scarlet fever

Typhus and Typhoid Fever

Sep. 24	73, Pearson Street	F	16 years	F Gardener	Typhoid fever

Measles

Apl. 13	108, Pearson Street	F	1¾ years	F Labourer	Morbilli
,, 15	52, Pearson Street	M	1½ years	F Joiner	Measles
,, 16	15, Bednal Street	M	9 months	F Baker	Morbilli
,, 27	44, Pearson Street	M	8 months	F Engine driver	Measles
May 15	107, Queen's Road	M	1½ years	F Vanman	Rubeola
June 1	19, Newburgh Street	M	11 months	F Cooper	Measles
,, 12	81, Newburgh Street	F	7 months	F Railway guard	Rubeola

Diphtheria

Feb. 14	23, Newburgh Street	F	3 years	F Saddler	Diphtheria

Whooping Cough

1879					
Dec. 26	2, Baguley Street	F	9 months	F Labourer	Pertussis
,, 26	2, Baguley Street	F	3 years	F Labourer	Do.
1880					
Jan. 1	3, Wragby Street	F	3 months	F Greengrocer	Do.
,, 15	73, Newburgh Street	F	6 years	F French polisher	Do.

Sanitary District No. 1—Causes of Death—continued

Whooping Cough—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 26	17, Anderton Street	F	2¼ years	F Dyer	ertussis
,, 26	17, Baguley Street	M	3 years	F Tailor	Do.
Feb. 11	17, Monsall Street	F	7 months	F Warehouseman	Do.
,, 16	35, Rocester Street	F	10 months	F Bricklayer	Do.
Mar. 10	90, Newburgh Street	M	3 years	F Goods guard	Do.
,, 14	5, Romiley Street	M	1¼ years	F Grinder	Do.
,, 27	138, Pearson Street	F	7 months	F Spindle maker	Do.
,, 29	55, Newburgh Street	F	11 months	F Cotton carder	Do.
Apl. 2	76, Lodge Street	M	1 year	F Blacksmith	Do.
,, 4	79, Bowker Street	M	1½ years	F Railway guard	Do.
,, 9	138, Pearson Street	M	2 years	F Spindle maker	Do.
,, 11	4, Warhurst Street	F	1¾ years	F Joiner	Do.
,, 14	106, Pearson Street	F	2 years	F Painter	Do.
,, 24	10, Hayden Street	M	1¼ years	F Paper hanger	Do.
May 2	28, Hayden Street	F	1½ years	F Plasterer	Do.
,, 7	23, Andrew Street	M	8 months	F Carter	Do.
,, 7	42, Newburgh Street	M	10 years	F Labourer	Do.
,, 8	9, Wragby Street	F	8 months	F Striker	Do.
June 21	31, Newburgh Street	M	17 months	F Joiner	Do.
July 7	65, Sanderson Street	M	2¾ years	F Fitter	Do.
Nov. 13	10, Wragby Street	F	6 years	F Carter	Do.

Diarrhœa

Apl. 26	21, Walton Street	F	2 years	F Labourer	Diarrhœa
June 29	39, Hayden Street	M	10 months	F Labourer	Do.
July 17	5, Wade Street	M	8 weeks	F Labourer	Do.
Aug. 13	31, Anderton Street	F	3 years	F Postman	Do.
,, 14	5, Malton Street	F	8 months	F Porter	Do.
,, 20	67, Sanderson Street	M	10 months	F Grocer	Do.
,, 24	20, Sudbury Street	F	4 months	F Tailor's cutter	Do
,, 28	27, Anderton Street	M	13 years	F Chemist	Do.
,, 29	10, Alton Street	F	3 months	F Fitter	Do.
Sep. 6	43, Sanderson Street	M	1¼ years	F Maker-up	Do.
,, 11	32, Lodge Street	M	4 months	F Bleacher	Do.
,, 11	24, Rowbotham Street	F	4 months	F Waiter	Do.
,, 26	30, Werneth Street	F	1¾ years	F Joiner	Do.
Oct. 17	45, Baguley Street	M	7 weeks	F Labourer	Do.
,, 30	45, Alton Street	M	2 months	F Vanman	Do.

Diseases of Lungs

Pneumonia and Acute Bronchitis

Jan. 10	161, Queen's Road	F	1¾ years	F Beerseller	Pneumonia
,, 10	26, High Burton Street	F	1 year	F Weaver	Bronchitis
,, 11	7, Tilt Street	F	8 months	F Labourer	Do.
,, 14	50, Elias Street	F	1½ years	F Dyer	Pneumonia
,, 15	50, Elias Street	M	5 years	F Dyer	Do.
,, 16	81, Pearson Street	M	2 years	F Carter	Bronchitis

Sanitary District No. 1—Causes of Death, 1880—continued

Pneumonia and Acute Bronchitis—continued

Date 1880	Residence	Sex	Age		Occupation	Cause of Death
Jan. 17	16, Dickens Street	F	45 years	H	Iron turner	Tuberculosis
„ 20	30, Alton Street	M	62 years		Bailiff	Congestion of lungs
„ 24	9, Oram Street	M	1¾ years	F	Labourer	Bronchitis
Feb. 4	31, Barwick Street	F	2 weeks	F	Labourer	Pulmonary congestion
„ 8	29, Monsall Street	M	52 years		Wheelwright	Bronchitis
„ 8	9, Emmett Street	M	60 years		Bolt maker	Tuberculosis
Mar. 30	11, Woodley Street	F	1¾ years	F	Packer	Pneumonia
Apl. 4	26, Monsall Street	M	5 months	F	Painter	Pulmonary congestion
„ 8	61, Emmett Street	F	9 weeks	F	Warehouseman	Bronchitis
„ 9	50, Newburgh Street	M	3 weeks	F	Smith	Do.
„ 10	8, Elias Street	M	10 months	F	Iron turner	Do.
„ 11	165, Queen's Road	F	2 years	F	Compositor	Broncho-pneumonia
„ 23	15, Dyson Street	F	18 months	F	Moulder	Bronchitis
May 6	165, Queen's Road	M	3 months	F	Compositor	Do.
„ 26	19, Wragby Street	F	2 weeks	F	Labourer	Do.
„ 29	97, Sanderson Street	F	27 years		Housekeeper	Pneumonia
July 18	60, Pearson Street	M	29 years		Engraver	Tuberculosis
Aug. 1	11, Barwick Street	M	11 weeks	F	Labourer	Pneumonia
„ 22	4, Monsall Street	F	8 years	F	Blacksmith	Bronchitis
Oct. 15	124, Monsall Street	F	44 years	H	Bricklayer	Do.
„ 18	263, Queen's Road	M	13 months	F	Provision dealer	Pneumonia
Dec. 7	3, Andrew Street	M	59 years		Schoolmaster	Bronchitis
„ 8	17, Wragby Street	F	54 years		Umbrella maker	Do.
„ 22	9, Seale Street	M	35 years		Carter	Broncho-pneumonia

Laryngitis

Apl. 27	8, Monsall Street	M	3 years	F	Railway guard	Laryngitis
June 17	142, Lodge Street	M	2 years	F	Labourer	Do.
Sep. 27	58, Bowker Street	F	6 years	F	Joiner	Do.
Oct. 12	37, Rochester Street	F	10 months	F	Labourer	Croup

Chronic Bronchitis

Jan. 7	42, Dickens Street	M	78 years		Farmer	Chronic bronchitis
Feb. 8	56, Newburgh Street	M	62 years		Brickmaker	Do.
Oct. 21	56, Newburgh Street	F	67 years		Widow	Do.

Phthisis Pulmonalis

Jan. 18	7, Wade Street	M	35 years		Cotton piecer	Phthisis
„ 18	30, Alton Street	F	27 years		Machinist	Do.
Feb. 1	3, Cohen Street	M	43 years		Gardener	Do.
„ 3	4, Baguley Street	M	38 years		Joiner	Do.
„ 4	30, Sanderson Street	M	21 years		Boiler maker	Do.
„ 21	10, Sudbury Street	M	16 years	F	Warehouseman	Do.
Apl. 17	3, Thorn Street	F	36 years	H	Striker	Do.
„ 21	119, Queen's Road	M	35 years		Fish dealer	Do.
Aug. 13	2, Baguley Street	F	34 years	H	Designer	Do.

Sanitary District No. 1—Causes of Death, 1880—continued

Phthisis Pulmonalis—continued

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Aug. 21	271, Queen's Road	M	16 years	F Draper	Phthisis
Dec. 21	5, Henhurst Street	F	26 years	Housekeeper	Do.

Infantile Tuberculosis

Apl. 22	85, Pearson Street	F	1¾ years	F Labourer	Tuberculosis
May 5	133, Sanderson Street	M	1¾ years	F Joiner	Do.
„ 31	37, Sanderson Street	M	17 years	F Pointsman	Do.
Aug. 20	9, Wragby Street	M	9 years	F Labourer	Do.
„ 21	51, Monsall Street	F	13 years	F Railway guard	Do.
„ 24	21, Steele Street	F	1½ years	F Spring forger	Do.
Oct. 7	6, Cardiff Street	M	2¾ years	F Stoker	Do.
„ 9	126, Pearson Street	F	9 months	M Mantle maker	Do.
„ 15	45, Newburgh Street	F	1¾ years	F Wood carver	Do.
„ 16	40, Turkey Lane	M	10 weeks	F Locksmith	Do.

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

Feb. 6	9, Steele Street	F	3 days	M Tailoress	Convulsions
Mar. 20	3, Henhurst Street	M	38 hours	F Pawnbroker	Do.
„ 27	60, Rowbotham Street	F	7 weeks	F Labourer	Do.
Nov. 14	12, Oram Street	F	10 months	F Labourer	Eclampsia

Laryngismus Stridulus

Jan. 9	56, Rudyard Street	M	14 months	F Traveller	Laryngismus stridulus

Hydrocephalus

1879					
Dec. 30	8, Hayden Street	F	11 months	F Bass dresser	Meningitis
1880					
Mar. 11	3, Wragby Street	F	17 years	F Greengrocer	Do.
„ 25	22, Bednal Street	F	6 years	F Carter	Do
Apl. 25	66, Newburgh Street	F	8 months	F Maker-up	Do.
May 8	44, Lodge Street	F	11 months	F Butcher	Hydrocephalus
„ 23	23, Monsall Street	F	1½ years	F Storekeeper	Meningitis
Sep. 10	43, Baguley Street	M	2 years	F Labourer	Do.
Oct. 3	21, Romiley Street	M	1¼ years	F Painter	Do.
Nov. 28	7, Dickens Street	M	1½ years	F Bricklayer	Do.

Apoplexy

Feb. 27	19, Romiley Street	M	83 years	Pensioner	Apoplexy
June 22	51, Newburgh Street	F	62 years	Widow	Do.
Dec 18	29, Romiley Street	M	74 years	Provision dealer	Do.

Sanitary District No. 1—Causes of Death, 1880—continued

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 26	65, Baguley Street	M	1 year	F Bricklayer	Tabes
1880					
Jan. 19	3, Thorn Street	F	6 months	F Labourer	Do.
Mar. 30	4, Tilt Street	M	1 year	M Housekeeper	Do.
„ 30	21, Romiley Street	F	1¾ years	F Painter	Do.
Apl. 2	37, Steele Street	F	69 years	Widow	Senile decay
„ 11	8, Rowbotham Street	M	1 week	F Storekeeper	Debility
„ 14	48, High Burton Street	F	1¼ years	F Collier	Tabes
„ 21	16, Rudyard Street	M	1 week	F Iron fitter	Debility
May 20	45, Dickens Street	M	9 months	F Painter	Marasmus
„ 27	15, Henhurst Street	F	10 weeks	F Boiler maker	Debility
June 12	122, Pearson Street	M	1 year	F Wheelwright	Marasmus
„ 27	15, Monsall Street	F	70 years	Widow	Senile decay
July 19	4, Warhurst Street	F	13 days	F Joiner	Asthenia
Aug. 9	38, Pearson Street	F	7 weeks	F Cotton doubler	Debility
Sep. 25	138, Pearson Street	M	5 months	F Spindle maker	Asthenia
Oct. 22	18, Anderton Street	M	2¼ years	F Wheelwright	Tabes
Nov. 22	4, High Burton Street	M	69 years	Weaver	Natural decay
Dec. 11	17, Wragby Street	M	9 months	F Labourer	Debility
„ 17	6, Andrew Street	F	11 weeks	F Clerk	Marasmus
„ 18	7, Roach Street	F	7 months	F Joiner	Tabes

Diseases of Heart

Jan. 9	36, Dickens Street	F	49 years	Cook	Disease of heart
Feb. 5	19, Steele Street	M	56 years	Engine fitter	Aneurism of aorta
Mar. 31	25, Rowbotham Street	F	23 years	Box maker	Heart disease
May 29	150, Lodge Street	M	36 hours	F Hammerman	Cyanosis

Diseases of Kidneys

Apl. 5	7, Walton Street	F	42 years	H Warehouseman	Bright's disease
June 26	81, Bowker Street	M	59 years	Wagon maker	Contracted kidneys
Sep. 21	54, Baguley Street	F	4 years	F Labourer	Disease of kidneys

Diseases of Liver

May 4	23, Andrew Street	M	18 years	Carter	Hepatitis
Sep. 17	35, Alton Street	M	54 years	Engine fitter	Congestion of liver

Diseases of Brain

Mar. 21	56, Elias Street	M	8 years	F Joiner	Congestion of brain
Apl. 7	7, Henhurst Street	M	2¼ years	F Boiler maker	Effusion on brain
Aug. 6	12, Craig Street	M	49 years	Labourer	Do.
Nov. 1	47, Newburgh Street	M	14 months	F Grinder	Encephalitis

Sanitary District No. 1—Causes of Death, 1880—continued

Diseases of Bowels

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 19	8, Wade Street	F	48 years	H Packer	Peritonitis
Feb. 29	8, Monsall Street	M	6¾ years	F Railway guard	Do.
June 19	117, Sanderson Street	F	8 months	F County court officer	Enteritis
Aug. 28	4, Warhurst Street	F	25 years	H Joiner	Ulceration of bowels
Oct. 10	40, Turkey Lane	M	1¼ years	F Locksmith	Muco-enteritis
Dec. 7	37, Sanderson Street	M	14 years	F Blacksmith	Ulceration of bowels

Diseases of Hip

Aug. 20	8, Craig Street	M	13 years	F Stonemason	Hip joint disease

Dentition

Jan. 19	30, Hayden Street	M	10 months	F Iron dealer	Dentition
Feb. 14	109, Queen's Road	F	13 months	F Stockkeeper	Do.
Apl. 20	47, Newburgh Street	F	14 months	F Labourer	Teething
,, 29	744, Rochdale Road	M	13 months	F Cashier	Dentition
July 12	23, Hayden Street	M	8½ months	F Chair maker	Do.

Puerperal Diseases

Feb. 15	44, Alton Street	F	25 years	H Clerk	Puerperal septicœmia

Diseases of Throat

Feb. 18	8, Elias Street	M	8 months	F Lurryman	Spasm of glottis

Paralysis

Mar. 13	17, Rudyard Street	F	70 years	H Iron fitter	Paralysis

Tumours

Apl. 21	36, Monsall Street	M	42 years	Cotton weaver	Malignant tumour

Infantile Syphilis

Apl. 25	66, Sanderson Street	F	2 months	F Labourer	Syphilis

Diseases of Tongue

Apl. 28	46, Lodge Street	M	57 years	Butler	Epithelioma of tongue

Dropsy

Oct. 11	6, Cardiff Street	F	5 years	F Stoker	Dropsy

Ulcers

Nov. 10	17, Bednal Street	F	59 years	H Cabinet maker	Ulcers of legs

Inflammation of Mouth

Dec. 10	22, Coghlan Street	F	3 weeks	F Iron turner	Stomatitis

Coroner's Inquests

Mar. 31	27, High Burton Street	M	4 months	F Labourer	Convulsive fit
May 30	6, Elias Street	F	11 months	F Mechanic	Natural causes
July 24	24, Steele Street	M	21 years	Fitter	Hanged himself
Oct. 18	1, Warhurst Street	F	9 months	F Warehouseman	Convulsive fit
Nov. 6	15, Wragby Street	M	3 months	F Porter	Do.

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes,* 26·58

Special Forms of Zymotic Diseases

Fever (typhus and typhoid)...	·49	Whooping cough	12·31
Scarlet fever	9·85	Smallpox	—
Measles	3·44	Diphtheria.....	·49

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	7·38	Diseases of heart	1·97
Diseases of lungs	28·54	Diseases of kidneys	1·47
Pneumonia and acute bronchitis.....	14·77	Diseases of liver	·98
Laryngitis	1·97	Diseases of brain	1·97
Chronic bronchitis	1·47	Diseases of bowels	2·95
Phthisis pulmonalis	5·41	Diseases of hip	·49
Infantile tuberculosis	4·92	Dentition	2·46
Diseases of nervous system ...	6·89	Puerperal diseases.....	·49
Convulsions	1·97	Diseases of throat.....	·49
Hydrocephalus	4·43	Paralysis	·49
Laryngismus stridulus	·49	Tumours	·49
Nervous exhaustion	—	Infantile syphilis	·49
Diseases of debility	9·85	Diseases of tongue	·49
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c....	9·85	Dropsy	·49
Apoplexy	1·47	Ulcers	·49
		Diseases of mouth.....	·49
		Coroner's inquests	2·46

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 7·17

Fever (typhus and typhoid)...	·13	Whooping cough	3·34
Scarlet fever	2·64	Smallpox	—
Measles	·93	Diphtheria.....	·13

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	2·00
Diseases of lungs	7·74
Pneumonia and acute bronchitis	4·10
Laryngitis	·53
Chronic bronchitis	·40
Phthisis pulmonalis	1·47
Infantile tuberculosis	1·33
Diseases of nervous system	1·86
Convulsions	·53
Hydrocephalus	1·20
Laryngismus stridulus	·13
Nervous exhaustion	—
Diseases of debility	2·64
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	2·64
Apoplexy	·40
Diseases of heart	·53
Diseases of kidneys	·40
Diseases of liver	·26
Diseases of brain	·53
Diseases of bowels	·80
Diseases of hip	·13
Dentition	·64
Puerperal diseases	·13
Diseases of throat	·13
Paralysis	·13
Tumours	·13
Infantile syphilis	·13
Diseases of tongue	·13
Dropsy	·13
Ulcers	·13
Diseases of mouth	·13
Coroner's inquests	·64

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 2

Boundaries

Queen's Road	Oldham Road
Collyhurst Street	Rochdale Road

Sanitary Sub-Districts included within No. 2 Sanitary District

Number 16	Number 18
„ 17	„ 19

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 2 Sanitary District contains the following Streets, proceeding from Collyhurst Street to Queen's Road :—

Collyhurst Street	Harrowby Street	Crissey Street
Charlton Street	Hamilton Street	Lindley Street
Clough Street	Husband Street	Leverton Place
Tilstone Place	Montague Street	Anslow Street
Whitehead Street	Thornton Street	Culvert Street
Back Whitehead Street	Churnet Street	Stretton Street
Hall's Crescent	Percival Street	Fildes Street
St. Oswald's Grove	Regent Street	Paget Street
Gay Street	St. John's Street	Alexandra Street
Groom Street	Garibaldi Street	Marston Street
Willert Street	Sutherland Street	Trent Street
North Kent Street	Cass Street	Scropton Street
Cheltenham Street	Consterdine Street	Needwood Street
Teignmouth Street	Wilberforce Street	Knightley Street
Abel Street	Berry's Buildings	Basset Street

The Streets arranged according to their Width

	ft.	in.
St. Oswald's Grove—large open square		
Hall's Crescent	,,	
Queen's Road	45	7
Churnet Street	41	10
Marston Street	36	8
Alexandra Street	36	6
Anslow Street	36	4
Culvert Street	36	4
Knightley Street	36	4
Needwood Street	36	4
Paget Street	36	4
Scropton Street	36	4
Trent Street	36	2
Fildes Street	30	5
Lindley Street	30	5
Consterdine Street	30	3
Crissey Street	30	3
Regent Street	30	2
Thornton Street	30	2
Willert Street	30	2
Churnet Street	30	0
Clough Street	30	0
Percival Street	30	0
Hamilton Street	29	11
Stretton Street	29	11
Wilberforce Street	29	11
Husband Street	29	10
Gay Street	29	9
Groom Street	29	9
Paley Street	29	9
Charlton Street	28	0
Cheltenham Street	27	0
North Kent Street	27	0
Harrowby Street	26	11
Abel Street	26	7
Teignmouth Street	26	6
Montague Street	26	5
Tilstone Place	24	1
Whitehead Street	23	11
Back Whitehead Street	23	10
Garibaldi Street	23	8
Sutherland Street	23	7
St. John's Street	23	4
Lang Street	15	0
Basset Street—one side only		
Leverton Place	,,	
Cass Street	,,	
Berry's Buildings—court		

The Streets arranged Alphabetically

Abel Street
Alexandra Street
Anslow Street
Back Whitehead Street
Basset Street
Berry's Buildings
Cass Street
Charlton Street
Cheltenham Street
Churnet Street
Clough Street
Consterdine Street
Crissey Street
Culvert Street
Fildes Street
Garibaldi Street
Gay Street
Groom Street
Hall's Crescent
Hamilton Street
Harrowby Street
Husband Street
Knightley Street
Lang Street
Leverton Place
Lindley Street
Marston Street
Montague Street
Needwood Street
North Kent Street
Paget Street
Paley Street
Percival Street
Queen's Road
Regent Street
Scropton Street
St. John's Street
St. Oswald's Grove
Stretton Street
Sutherland Street
Teignmouth Street
Thornton Street
Tilstone Place
Trent Street
Whitehead Street
Wilberforce Street
Willert Street

Altitudes above the Sea Level

	ft.	in.
The bridge at Hall's Crescent is the lowest point in the district	—	—
The valley between Rochdale Road and Oldham Road, in Queen's Road, previous to filling up, was	153	0
The corner of Collyhurst Street and Oldham Road is above the mean sea level at Liverpool	191	0
Lamb Lane and Oldham Road corner	191	0
The top of Harrowby Street is	210	0
The corner of Queen's Road and Rochdale Road is the highest point in the district	213	0

Sewers

The foundation rocks on which the subsoil rests are the outcropping edges of the upper members of the Manchester coalfield, including the coalfields of Blackley, Clayton, and Bradford. These rise immediately from under the Permian sandstone which is exhibited in the sand delph of Sir E. Buckley, at Collyhurst.

The slope of the eastern half of the district is towards Collyhurst Street, and the western half of the district, which is traversed by the Moston Brook, slopes towards it. The brook now constitutes the principal sewer of the district; it has recently been arched over, the valley filled up, and the soil built upon. The short streets in the northern part of the district are drained into the Queen's Road sewer, which is 30ft. deep at the end of Wilberforce Terrace. This sewer runs along Queen's Road from the Railway Station to the tip; it then drains the streets on the west of the brook, and passes into the brook at the eye in Churnet Street and Culvert Street. The eye itself is 21ft. deep.

Churnet Street sewer commences at the railway in Churnet Street, and receives the contents of the sewers from its north side principally; only short lengths run into it from the south side. It flows into the eye in Churnet Street at a depth of 19ft. The Collyhurst Street sewer stands next in importance to Moston Brook, into which it falls as it passes along Rochdale Road to the bridge at Hall's Crescent. The North Kent Street sewer flows into the Collyhurst Street sewer after having received the flow of the sewers in Gay Street, Paley Street, and Charlton Street, along with the smaller sewers that flow into them from a north and south direction. The Collyhurst Street sewer is 16ft deep at the Oldham Road end and 20ft. deep at the Rochdale Road end. Owing to the regular inclines of the district it presents very favourable conditions for drainage, for Rochdale Road descends on each side of Hall's Crescent Bridge, and Queen's Road descends on each side towards the Culvert Street sewer, whilst Oldham Road and Collyhurst Street have each a very decided inclination in the most favourable direction.

Houses

Nearly half of the houses in this district have been built since 1870, and more than three-fourths since 1850; the remainder since 1830.

There are some back-to-back houses in a court called Berry's Buildings, in Wilberforce Street, Queen's Road, and there is some old property in Clough Street and Percival Street.

The width of the streets ranges from 41ft. 10in. to 15ft.; the greater number of them being 30ft. or more, in accordance with the bye-law of the Council of the city of Manchester, 1868, which requires a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two stories. Each house erected since 1868 has an open yard or area containing at least 70 square feet, in accordance with bye-law No. 11.

The passages vary in width. Those passing through the newly-erected property are wide; but the passages of the property which was built prior to 1868 are narrow, and in many cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors. They rise directly from the ground The outside walls are 9in. thick, and the inside walls are 4½in. thick. A few have bay windows in the front rooms.

The streets enumerated within this district contain, according to actual counting, 2,460 houses *(Bastow)*. The number contained in the Overseers' books for the year 1880–81 was 2,477, of which 339 were unoccupied, leaving 2,138 as inhabited houses.

Places of Worship

Church of England .....Queen's Road
Congregational Rooms.....Scropton Street
Independent Chapel.....Collyhurst Street

Schools

Albert Memorial .....Queen's Road

Public Institution

Police Station .....Churnet Street

Works

Sherratt's Blacklead Works.....Churnet Street
Colour Works .....Teignmouth Street

Data POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was ..... 5·01
For the township of Manchester ..... 4·95
For the registration sub-district of St. George's ..... 4·82
As No. 2 Sanitary District contained, according to the Overseers' books for the current year, 2,138 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants 10,711
Multiplied by 4·95 the number will be 10,583
Multiplied by 4·82 the number will be 10,305
The mean of these three estimates is 10,533

Which will tolerably represent the population of the district.

A considerable part of the male population is employed by the Lancashire and Yorkshire Railway Company, which has very extensive works in the neighbourhood. The western boundary is chiefly occupied by shopkeepers and persons who have business in the city. The remaining part of the district is occupied by joiners, clerks, and warehousemen.

Sanitary District No. 2

Mortality

From 27th December, 1879, to 24th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 217.

Death Rate

According to the population estimated by the average city rate of occupation 217 deaths would give a rate per 1,000 of	20·25
According to the township rate of occupation	20·50
According to the registration sub-district rate	21·05
The mean of these three estimates of population	20·60

Details of Death, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 27	52, Husband Street	F	4¼ years	M Silk winder	Pneumonia
„ 29	107, Montague Street	F	4 years	F Policeman	Pertussis
1880					
Jan. 3	49, Collyhurst Street	F	58 years	Widow	Aortic disease
„ 5	6, Willert Street	M	2½ years	F Iron moulder	Pertussis
„ 7	1, Berry's Buildings	F	11 months	F Driller	Natural disease
„ 10	70, North Kent Street	F	73 years	Widow	Natural decay
„ 14	292, Queen's Road	M	59 years	Provision dealer	Hepatitis
„ 16	44, Anslow Street	F	3¾ years	F Blacksmith	Meningitis
„ 16	656, Rochdale Road	M	10 months	F Joiner	Marasmus
„ 17	113, Hamilton Street	F	2½ years	F Engine driver	Pneumonia
„ 17	64, Paget Street	F	69 years	H Hair dresser	Disease of heart
„ 18	191, Cheltenham Street	M	7 days	F Gas fitter	Premature birth
„ 19	176, Cheltenham Street	M	29 years	Shuttle maker	Chronic bronchitis
„ 19	105, Thornton Street	F	5 months	F Painter	Effusion on brain
„ 20	17, Needwood Street	F	7 weeks	F Engine fitter	Diarrhœa
„ 20	51, Knightley Street	F	7 weeks	M Servant	Found dead
„ 21	84, Queen's Road	M	58 years	Fruit salesman	Paralysis
„ 23	184, Hamilton Street	F	45 years	H Labourer	Apoplexy
„ 23	82, Harrowby Street	F	13 months	F Painter	Bronchitis
„ 24	97, Collyhurst Street	M	6½ years	F Wheelwright	Nephritis
„ 24	72, Harrowby Street	F	79 years	Widow	General decay
„ 29	152, Cheltenham Street	F	8 months	F Plumber	Convulsions
„ 31	28, Charlton Street	M	29 years	Iron fitter	Phthisis
Feb. 2	79, North Kent Street	M	11 weeks	F Bricklayer	Enteritis
„ 3	82, Harrowby Street	F	2¾ years	F Saddler	Pertussis
„ 14	9, Whitehead Street	F	43 years	Widow	Chronic bronchitis
„ 14	18, Stretton Street	F	69 years	Schoolmistress	Bronchitis
„ 15	3, Montague Street	F	60 years	Widow	Phthisis

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT No. 2.

SCALE 7½ INCHES = ¼ OF A MILE.

HOUSES BUILT SINCE 1870	
,, ,, 1850	
,, ,, 1830	
,, BEFORE 1830	
CHURCHES, SCHOOLS, MILLS, &c.	
PUBLIC HOUSES	X

Richd. A. Bastow.

Sanitary District No. 2—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Feb. 15	203, Hamilton Street	M	41 years	Policeman	Natural causes
,, 16	6, Berry's Buildings	M	14 days	Engine driver	Convulsive fit
,, 18	155, Knightley Street	M	58 years	Lead merchant	Morbus cordis
,, 19	36, Lindley Street	F	95 years	Housekeeper	Natural decay
,, 22	40, Husband Street	M	1¼ years	Wagon sheet maker	Measles
,, 24	114, Montague Street	M	2¼ years	Labourer	Pertussis
,, 25	162, Montague Street	M	21 years	Iron moulder	Gastric ulcer
,, 29	173, Cheltenham Street	M	1¾ years	Engine driver	Pertussis
,, 29	532, Rochdale Road	F	34 years	Shoemaker	Malignant pistule
Mar. 4	86, Hall's Crescent	M	61 years	Labourer	Senile decay
,, 4	28, Alexandra Street	M	36 years	Labourer	Chronic bronchitis
,, 6	144, Cheltenham Street	M	31 years	Office clerk	Tuberculosis
,, 7	18, Charlton Street	F	2 years	Clerk	Meningitis
,, 7	5, Queen Street	F	7 months	Iron moulder	Pertussis
,, 12	13, Stretton Street	M	68 years	Cloth dresser	Heart disease
,, 12	5, Queen's Place	M	2¾ years	Joiner	Convulsions
,, 17	49, Thornton Street	M	8 months	Iron moulder	Pneumonia
,, 18	22, Harrowby Street	M	14 months	Packer	Pertussis
,, 18	80, Harrowby Street	M	3 months	Porter	Natural causes
,, 19	42, Anslow Street	F	3½ years	Finisher	Measles
,, 23	42, Anslow Street	F	1 year	Calico finisher	Do.
,, 23	26, Montague Street	M	4 months	Dyer	Bronchitis
, 24	109, Hamilton Street	F	7 months	Pointsman	Meningitis
,, 25	10, North Kent Street	F	67 years	Widow	Cancer
,, 28	46, Thornton Street	F	1 year	Labourer	Dentition
,, 31	3, Abel Street	F	37 years	Widow	Bronchitis
Apl. 2	82, St. Oswald's Grove	F	8 months	Traveller	Tuberculosis
,, 5	31, Lindley Street	M	4 years	Dyer	Scarlatina
,, 6	36, Thornton Street	F	24 years	Cotton operative	Septicœmia
,, 6	190, Husband Street	M	2 months	Plasterer	Pertussis
,, 9	32, Alexandra Street	F	61 years	Widow	Bronchitis
,, 12	178, Cheltenham Street	M	65 years	Shuttle maker	Wasting
,, 16	19, Needwood Street	M	3 days	Accountant	Jaundice
,, 17	92, Harrowby Street	M	8 months	Joiner	Bronchitis
,, 19	94, Knightley Street	F	31 years	Carter	Phthisis
,, 20	201, Cheltenham Street	M	2 weeks	Iron fitter	Bronchitis
,, 21	21, Lindley Street	F	4¾ years	Striker	Scarlatina
,, 23	127, Husband Street	M	2¼ years	Stoker	Convulsions
,, 24	7, Charlton Street	M	60 years	Iron planer	Diarrhœa
,, 24	290, Queen's Road	M	71 years	Optician	Bronchitis
,, 24	115, Churnet Street	F	43 years	Clerk	Enteric fever
,, 27	58, Harrowby Street	F	41 years	Tinplate worker	Neglect—manslaughter
,, 27	86, Montague Street	F	10 days	Labourer	Premature birth
,, 28	8, Husband Street	F	7 hours	Umbrella maker	Convulsions
,, 30	596, Rochdale Road	M	2 years	Engraver	Hydrocephalus
,, 30	127, Montague Street	F	47 years	Sawyer	Carcinoma
,, 30	3, Berry's Buildings	M	2 years	Labourer	Measles
May 1	12, North Kent Street	F	23 years	Sewing machinist	Phthisis

Sanitary District No. 2—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
May 2	101, Thornton Street	M	56 years	Cotton weaver	Bronchitis
„ 2	21, Lindley Street	F	11 years	Striker	Scarlatina
„ 4	25, Lindley Street	M	6 years	Labourer	Disease of knee
„ 5	147, Needwood Street	F	17 years	Labourer	Morbus cordis
„ 6	157, Husband Street	M	3 weeks	Iron fitter	Syphilis
„ 6	52, Churnet Street	F	11 months	Traveller	Pertussis
„ 9	161, Hamilton Street	F	47 years	Weaver	Enlargement of liver
„ 10	12, Anslow Street	M	5 months	Compositor	Bronchitis
„ 11	67, Collyhurst Street	F	44 years	Butcher	Pneumonia
„ 12	286, Queen's Road	M	1¾ years	Blacksmith	Measles
„ 13	41, Husband Street	M	11 months	Sawyer	Morbilli
„ 14	41, Husband Street	M	3 years	Sawyer	Do.
„ 16	15, Whitehead Street	F	37 years	Housemaid	Peritonitis
„ 16	38, Harrowby Street	F	35 years	Widow	Phthisis
„ 16	100, North Kent Street	F	6 years	Labourer	Meningitis
„ 16	7, Collyhurst Street	F	1¼ months	Painter	Pertussis
„ 17	38, Abel Street	M	11 months	Yarn printer	Meningitis
„ 17	69, Montague Street	F	1 year	Carter	Convulsions
„ 20	37, Needwood Street	F	14 months	Policeman	Tuberculosis
„ 22	63, Needwood Street	F	5 months	Carter	Pertussis
„ 24	64, Abel Street	F	4 years	Policeman	Do.
„ 24	119, Montague Street	M	2¼ years	Labourer	Diarrhœa
„ 25	109, Husband Street	F	5 years	Plumber	Pyœmia
„ 27	156, Needwood Street	M	1 year	Office clerk	Dentition
„ 28	194, Cheltenham Street	F	7 months	'Bus guard	Bronchitis
„ 28	141, Husband Street	M	5 weeks	Warehouseman	Pneumonia
„ 31	56, North Kent Street	M	6 months	Chemist	Effusion on brain
June 1	54, Abel Street	M	13 months	Housekeeper	Bronchitis
„ 2	21, Lindley Street	F	7 years	Striker	Nephritis
„ 2	79, Montague Street	F	6 years	Carter	Tabes
„ 3	160, Montague Street	M	6 months	Labourer	Dentition
„ 6	201, Cheltenham Street	M	2 years	Iron fitter	Pertussis
„ 7	205, Hamilton Street	F	5 months	Clock maker	Pneumonia
„ 8	169, Hamilton Street	M	2¼ years	Iron fitter	Croup
„ 9	185, Husband Street	M	1 year	Painter	Convulsive fit
„ 9	67, Montague Street	F	1½ years	Hawker	Meningitis
„ 15	120, Thornton Street	M	3 years	Printer	Tuberculosis
„ 20	99, Cheltenham Street	F	9 months	Labourer	Diarrhœa
„ 21	114, Churnet Street	F	3 months	Carter	Syphilis
„ 22	19, Tilstone Place	M	1¾ years	Carter	Pertussis
„ 27	98, Charlton Street	M	9 hours	Lurryman	Premature birth
„ 30	139, Husband Street	F	1½ years	Labourer	Pneumonia
„ 30	16, Marston Street	M	2¼ years	Beerseller	Enteritis
July 3	32, Hamilton Street	F	68 years	Widow	Bright's disease
„ 4	16, Harrowby Street	M	2¾ years	Servant	Searlet fever
„ 4	40, Crissey Street	F	14 months	Labourer	Morbilli
„ 5	41, Crissey Street	F	1 month	Labourer	Convulsive fit

Sanitary District No. 2—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
July 8	28, Percival Street	F	4 months	F Painter	Meningitis
„ 10	148, Montague Street	M	1¾ years	F Labourer	Scarlatina
„ 12	126, Thornton Street	M	4 months	F Fitter	Convulsive fit
„ 14	296, Queen's Road	M	4 years	F Plumber	Meningitis
„ 16	688, Rochdale Road	M	1¾ years	F Smallware dealer	Tuberculosis
„ 16	56, Churnet Street	M	5½ years	F Joiner	Pertussis
„ 19	61, Churnet Street	M	8 years	F Overlooker	Congestion of lungs
„ 19	62, Charlton Street	F	39 years	H Bootmaker	Child birth
„ 20	162, Montague Street	F	3 years	F Labourer	Convulsions
„ 22	8, Tilstone Place	F	1½ years	F Smith	Croup
„ 25	51, Percival Street	M	1¾ years	F Labourer	Pneumonia
„ 25	24, Husband Street	F	2 days	F Sheet maker	Debility
„ 27	92, Thornton Street	M	79 years	Excavator	Fatty degeneration of heart
„ 29	147, Hamilton Street	M	17 months	F Shoemaker	Tuberculosis
Aug. 1	5, Anslow Street	F	6 days	F Policeman	Development of cranium
„ 1	146, Montagne Street	F	8 months	F Labourer	Laryngitis
„ 2	127, Montague Street	M	71 years	Iron plainer	Morbus cordis
„ 4	15, Lindley Street	F	11 days	F Dyer	Convulsive fit
„ 7	76, Montague Street	F	1 year	F Clothes dealer	Pneumonia
„ 8	135, Teignmouth Street	M	8 weeks	F Bricklayer	Convulsive fit
„ 8	22, Charlton Street	F	62 years	H Stonemason	Bronchitis
„ 9	12, Gay Street	M	20 years	Spindle maker	Phthisis
„ 10	118, Montague Street	F	16 months	F Cotton doubler	Diarrhœa
„ 15	64, Churnet Street	M	2 years	F Oil dealer	Scarlatina
„ 18	14, Harrowby Street	F	2¾ years	F Joiner	Pertussis
„ 19	81, Husband Street	F	2 months	F Joiner	Diarrhœa
„ 20	80, Knightley Street	F	50 years	Widow	Abscess
„ 21	18, Husband Street	M	8 months	M Dressmaker	Hydrocephalus
„ 22	274, Queen's Road	M	3 months	F Engine fitter	Diarrhœa
„ 25	107, Thornton Street	M	11 months	F Labourer	Do.
„ 28	33, Husband Street	M	37 years	Mill overlooker	Pneumonia
„ 29	130, Husband Street	F	9 weeks	F Iron fitter	Congenital cerebri
„ 30	11, Culvert Street	M	4 months	F Brass finisher	Pneumonia
„ 30	2, Jane Street	F	10 months	F Rope maker	Diarrhœa
„ 30	7, Sophia Street	F	54 years	H Gasman	Do.
Sep. 2	578, Rochdale Road	F	66 years	Widow	Disease of heart
„ 3	34, Consterdine Street	F	1 month	M Servant	Diarrhœa
„ 3	10, Consterdine Street	F	76 years	H Watchmaker	Hemiplegia
„ 4	74, Montague Street	M	50 years	Engine driver	Epileptic fit
„ 5	78, Hamilton Street	M	15 months	F Engine fitter	Dentition
„ 6	12, Tilstone Place	F	13 months	F Packer	Diarrhœa
„ 7	124, Teignmouth Street	M	13 months	F Packer	Tuberculosis
„ 8	37, Thornton Street	F	3 years	F Brickmaker	Meningitis
„ 8	1, Lindley Street	M	1¾ years	F Reporter	Croup
„ 14	38, Crissey Street	M	70 years	Labourer	Muco-enteritis
„ 15	70, Husband Street	F	1 year	F Fish curer	Diarrhœa
„ 16	154, Harrowby Street	F	6 weeks	M Servant	Do.

SANITARY DISTRICT No. 2—DETAILS OF DEATH, 1880—continued

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Sep. 16	143, Montagne Street	M	17 days	F Provision dealer	Diarrhœa
,, 16	5, North Kent Street	M	1 year	F Warehouseman	Wasting
,, 18	160, Teignmouth Street	F	1¼ years	F Foreman	Tuberculosis
,, 22	74, Charlton Street	M	11 months	F Glass blower	Pneumonia
,, 26	74, Husband Street	M	7 months	F Clerk	Diarrhœa
,, 29	87, Husband Street	F	6 weeks	F Wood carver	Tuberculosis
,, 30	224, Queen's Road	F	80 years	Widow	Natural causes
Oct. 6	646, Rochdale Road	M	4 years	F Hatter	Croup
,, 7	88, Needwood Street	M	2¼ years	F Compositor	Effusion on brain
,, 11	52, Thornton Street	M	14 months	F Iron fitter	Bronchitis
,, 13	176 Husband Street	M	48 years	House painter	Pneumonia
,, 16	16, Charlton Street	M	58 years	Warehouseman	Phthisis
,, 16	5, Abel Street	F	1¾ years	F French polisher	Erysipelas
,, 21	41, Abel Street	F	5 weeks	F Labourer	Diarrhœa
,, 21	65, Needwood Street	F	78 years	Widow	Bronchitis
,, 22	107, Teignmouth Street	F	55 years	Widow	Softening of brain
,, 24	59, Knightley Street	M	9 months	F Butcher	Effusion on brain
,, 24	37, North Kent Street	M	2 years	F Joiner	Broncho-pneumonia
,, 25	84, Queen's Road	F	69 years	Widow	Apoplexy
,, 26	93, Husband Street	F	36 years	H Excavator	Pneumonia
,, 27	47, Montagne Street	F	10 months	F French polisher	Measles
,, 28	34, Hall's Crescent	F	64 years	H Property owner	Apoplexy
,, 29	77, Husband Street	M	10 months	F Labourer	Wasting
Nov. 8	104, Queen's Road	M	1 week	F Moulder	Debility
,, 8	41, Collyhurst Street	F	7 months	F Clerk	Croup
,, 9	1, Sutherland Street	F	4 months	F Bricklayer	Bronchitis
,, 10	104, Queen's Road	F	38 years	H Moulder	Intestinal obstruction
,, 12	225, Hamilton Street	M	4½ years	M Winder	Anæmia
,, 13	8, Culvert Street	M	16 months	F Coal dealer	Pertussis
,, 13	226, Hamilton Street	M	6 months	F Brass moulder	Tabes
,, 13	76, Husband Street	M	29 years	Labourer	Apoplexy
,, 14	127, Hamilton Street	F	10 months	F Iron fitter	Noma pudendi
,, 16	38, Percival Street	M	61 years	Warehouseman	Natural causes
,, 20	85, Percival Street	F	1¼ years	F Iron fitter	Atrophy
,, 23	117, Hamilton Street	F	2 years	F Engine fitter	Croup
,, 23	79, Cheltenham Street	M	13 months	F Packer	Dentition
,, 26	118, Needwood Street	M	20 minutes	F Baker	Premature birth
,, 28	216, Cheltenham Street	M	8¾ years	F Gardener	Syphilis
Dec. 4	92, Charlton Street	F	46 years	H Cork cutter	Disease of liver
,, 5	158, Knightley Street	F	1 day	F Millwright	Syncope
,, 11	62, Thornton Street	F	48 years	H Lurryman	Amyloid of liver
,, 13	112, Montagne Street	M	5 years	F Joiner	Premature birth
,, 14	79, Collyhurst Street	F	52 years	H Wheelwright	Hypertrophy of liver
,, 18	18, Stretton Street	F	5 years	F Bricklayer	Abscess
,, 18	131, Teignmouth Street	F	28 years	H Blacksmith	Pneumonia
,, 20	205, Cheltenham Street	F	1¼ years	F Iron moulder	Tuberculosis
,, 24	59, Cheltenham Street	F	28 years	H Broker	Bronchitis

Ages at Death

All under 1 year	68	
„ 2 years	104	
„ 3 „	123	
„ 4 „	129	
„ 5 „	137	= 137
All between 5 and 10 years, including the first term		11
„ 10 „ 20 „ „ „		2
„ 20 „ 30 „ „ „		9
„ 30 „ 40 „ „ „		11
„ 40 „ 50 „ „ „		11
„ 50 „ 60 „ „ „		11
„ 60 „ 70 „ „ „		15
„ 70 „ 80 „ „ „		8
„ 80 „ 90 „ „ „		1
„ 90 „ 100 „ „ „		1
Total deaths		217

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	31·33	Under 4 years	59·44
„ 2 years	47·92	„ 5 „	63·13
„ 3 „	56·68		
Between 5 and 10 years	5·06	Between 50 and 60 years	5·06
„ 10 „ 20 „	·92	„ 60 „ 70 „	6·91
„ 20 „ 30 „	4·14	„ 70 „ 80 „	3·68
„ 30 „ 40 „	5·06	„ 80 „ 90 „	·46
„ 40 „ 50 „	5·06	„ 90 „ 100 „	·46

Deaths per 1,000 *of the mean population* (10,533) *at different ages*

Under 1 year	6·45	Under 4 years	12·24
„ 2 years	9·87	„ 5 „	13·00
„ 3 „	11·67		
Between 5 and 10 years, including the first term	1·04	Between 50 and 60 years, including the first term	1·04
„ 10 „ 20 „	·18	„ 60 „ 70 „	1·42
„ 20 „ 30 „	·85	„ 70 „ 80 „	·75
„ 30 „ 40 „	1·04	„ 80 „ 90 „	·09
„ 40 „ 50 „	1·04	„ 90 „ 100 „	·09

SANITARY DISTRICT No. 2—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Apl. 5	31, Lindley Street	M	4 years	F Dyer	Scarlatina
,, 21	21, Lindley Street	F	4¾ years	F Striker	Do.
May 2	21, Lindley Street	F	11 years	F Striker	Do.
July 4	16, Harrowby Street	M	2¾ years	M Servant	Scarlet fever
,, 10	148, Montague Street	M	1¾ years	F Labourer	Scarlatina
Aug. 15	64, Churnet Street	M	2 years	F Oil dealer	Do.

Typhus and Typhoid Fever

None

Measles

Feb. 22	40, Husband Street	M	1¼ years	F Wagon sheet maker	Measles
Mar. 19	42, Anslow Street	F	3½ years	F Finisher	Do.
,, 23	42, Anslow Street	F	1 year	F Calico finisher	Do.
Apl. 30	3, Berry's Buildings	M	2 years	F Labourer	Do.
May 12	286, Queen's Road	M	1¾ years	F Blacksmith	Do.
,, 13	41, Husband Street	M	11 months	F Sawyer	Morbilli
,, 14	41, Husband Street	M	3 years	F Sawyer	Do.
July 4	40, Crissey Street	F	14 months	F Labourer	Do.
Oct. 27	47, Montague Street	F	10 months	F French polisher	Measles

Whooping Cough

1879					
Dec. 29	107, Montague Street	F	4 years	F Policeman	Pertussis
1880					
Jan. 5	6, Willert Street	M	2½ years	F Iron moulder	Do.
Feb. 3	82, Harrowby Street	F	2¾ years	F Saddler	Do.
,, 24	114, Montague Street	M	2¼ years	F Labourer	Do.
,, 29	173, Cheltenham Street	M	1¾ years	F Engine driver	Do.
Mar. 7	5, Queen Street	F	7 months	F Iron moulder	Do.
,, 18	22, Harrowby Street	M	14 months	F Packer	Do.
Apl. 6	190, Husband Street	M	2 months	F Plasterer	Do.
May 6	52, Churnet Street	F	11 months	F Traveller	Do.
,, 16	7, Collyhurst Street	F	1¼ years	F Painter	Do.
,, 22	63, Needwood Street	F	5 months	F Carter	Do.
,, 24	64, Abel Street	F	4 years	F Policeman	Do.
June 6	201, Cheltenham Street	M	2 years	F Iron fitter	Do.
,, 22	19, Tilstone Place	M	1¾ years	F Carter	Do.
July 16	56, Churnet Street	M	5½ years	F Joiner	Do.
Aug. 18	14, Harrowby Street	F	2¾ years	F Joiner	Do.
Nov. 13	8, Culvert Street	M	16 months	F Coal dealer	Do.

Sanitary District No. 2—Causes of Death, 1880—continued

Diphtheria

None

Diarrhœa

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Jan. 20	17, Needwood Street	F	7 weeks	F Engine fitter	Diarrhœa
Apl. 24	7, Charlton Street	M	60 years	Iron planer	Do.
May 24	119, Montague Street	M	2¼ years	F Labourer	Do.
June 20	99, Cheltenham Street	F	9 months	F Labourer	Do.
Aug. 10	118, Montague Street	F	16 months	F Cotton doubler	Do.
„ 19	81, Husband Street	F	2 months	F Joiner	Do.
„ 22	274, Queen's Road	M	3 months	F Engine fitter	Do.
„ 25	107, Thornton Street	M	11 months	F Labourer	Do.
„ 30	2, Jane Street	F	10 months	F Rope maker	Do.
„ 30	7, Sophia Street	F	54 years	H Gasman	Do.
Sep. 3	34, Consterdine Street	F	1 month	M Servant	Do.
„ 6	12, Tilstone Place	F	13 months	F Packer	Do.
„ 15	70, Husband Street	F	1 year	F Fish curer	Do.
„ 16	154, Harrowby Street	F	6 weeks	M Servant	Do.
„ 16	143, Montague Street	M	17 days	F Provision dealer	Do.
„ 26	74, Husband Street	M	7 months	F Clerk	Do.
Oct. 21	41, Abel Street	F	5 weeks	F Labourer	Do

Diseases of Lungs

Pneumonia and Acute Bronchitis

1879					
Dec. 27	52, Husband Street	F	4¼ years	M Silk winder	Pneumonia
1880					
Jan. 17	113, Hamilton Street	F	2½ years	F Engine driver	Do.
„ 23	82, Harrowby Street	F	13 months	F Painter	Bronchitis
Feb. 14	18, Stretton Street	F	69 years	Schoolmistress	Do.
Mar. 6	144, Cheltenham Street	M	31 years	Office clerk	Tuberculosis
„ 17	49, Thornton Street	M	8 months	F Iron moulder	Pneumonia
„ 23	26, Montague Street	M	4 months	F Dyer	Bronchitis
„ 31	3, Abel Street	F	37 years	Widow	Do.
Apl. 9	32, Alexandra Street	F	61 years	Widow	Do.
„ 17	92, Harrowby Street	M	8 months	F Joiner	Do.
„ 20	201, Cheltenham Street	M	2 weeks	F Iron fitter	Do.
„ 24	290, Queen's Road	M	71 years	Optician	Do.
May 2	101, Thornton Street	M	56 years	Cotton weaver	Do.
„ 10	12, Anslow Street	M	5 months	F Compositor	Do.
„ 11	67, Collyhurst Street	F	44 years	H Butcher	Pneumonia
„ 28	194, Cheltenham Street	F	7 months	F 'Bus guard	Bronchitis
„ 28	141, Husband Street	M	5 weeks	F Warehouseman	Pneumonia
June 1	54, Abel Street	M	13 months	M Housekeeper	Bronchitis
„ 7	205, Hamilton Street	F	5 months	F Clock maker	Pneumonia
„ 30	139, Husband Street	F	1½ years	F Labourer	Do.

Sanitary District No. 2—Causes of Death, 1880—continued

Pneumonia and Acute Bronchitis—continued

Date 1880	Residence	Sex	Age		Occupation	Cause of Death
July 19	61, Churnet Street	M	8 years	F	Overlooker	Congestion of lungs
„ 25	51, Percival Street	M	1¾ years	F	Labourer	Pneumonia
Aug. 7	76, Montague Street	F	1 year	F	Clothes dealer	Do.
„ 8	22, Charlton Street	F	62 years	H	Stonemason	Bronchitis
„ 28	33, Husband Street	M	37 years		Mill overlooker	Pneumonia
„ 30	11, Culvert Street	M	4 months	F	Brass finisher	Do.
Sep. 22	74, Charlton Street	M	11 months	F	Glass blower	Do.
Oct. 11	52, Thornton Street	M	14 months	F	Iron fitter	Bronchitis
„ 13	176, Husband Street	M	48 years		House painter	Pneumonia
„ 21	65, Needwood Street	F	78 years		Widow	Bronchitis
„ 24	37, North Kent Street	M	2 years	F	Joiner	Broncho-pneumonia
„ 26	93, Husband Street	F	36 years	H	Excavator	Pneumonia
Nov. 9	1, Sutherland Street	F	4 months	F	Bricklayer	Bronchitis
Dec. 18	131, Teignmouth Street	F	28 years	H	Blacksmith	Pneumonia
„ 24	59, Cheltenham Street	F	28 years	H	Broker	Bronchitis

Laryngitis

June 8	169, Hamilton Street	M	2¼ years	F	Iron fitter	Croup
July 22	8, Tilstone Place	F	1½ years	F	Smith	Do.
Aug. 1	146, Montague Street	F	8 months	F	Labourer	Laryngitis
Sep. 8	1, Lindley Street	M	1¾ years	F	Reporter	Croup
Oct. 6	646, Rochdale Road	M	4 years	F	Hatter	Do.
Nov. 8	41, Collyhurst Street	F	7 months	F	Clerk	Do.
„ 23	117, Hamilton Street	F	2 years	F	Engine fitter	Do.

Chronic Bronchitis

Jan. 19	176, Cheltenham Street	M	29 years		Shuttle maker	Chronic bronchitis
Feb. 14	9, Whitehead Street	F	43 years		Widow	Do.
Mar. 4	28, Alexandra Street	M	36 years		Labourer	Do.

Phthisis Pulmonalis

Jan. 31	28, Charlton Street	M	29 years		Iron fitter	Phthisis
Feb. 15	3, Montague Street	F	60 years		Widow	Do.
Apl. 19	94, Knightley Street	F	31 years	H	Carter	Do.
May 1	12, North Kent Street	F	23 years		Sewing machinist	Do.
„ 16	38, Harrowby Street	F	35 years		Widow	Do.
Aug. 9	12, Gay Street	M	20 years		Spindle maker	Do.
Oct. 16	16, Charlton Street	M	58 years		Warehouseman	Do.

Sanitary District No. 2—Causes of Death, 1880—continued

Infantile Tuberculosis

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Apl. 2	82, St. Oswald's Grove	F	8 months	F Traveller	Tuberculosis
May 20	37, Needwood Street	F	14 months	F Policeman	Do.
June 15	120, Thornton Street	M	3 years	F Printer	Do.
July 16	688, Rochdale Road	M	1¾ years	F Smallware dealer	Do.
„ 29	147, Hamilton Street	M	17 months	F Shoemaker	Do.
Sep. 7	124, Teignmouth Street	M	13 months	F Packer	Do.
„ 18	160, Teignmouth Street	F	1¼ years	F Foreman	Do.
„ 29	87, Husband Street	F	6 weeks	F Wood carver	Do.
Dec. 20	205, Cheltenham Street	F	1¼ years	F Iron moulder	Do.

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

Jan. 29	152, Cheltenham Street	F	8 months	F Plumber	Convulsions
Mar. 12	5, Queen's Place	M	2¾ years	F Joiner	Do.
Apl. 23	127, Husband Street	M	2¼ years	F Stoker	Do.
May 17	69, Montague Street	F	1 year	F Carter	Do.
July 20	162, Montague Street	F	3 years	F Labourer	Do.

Laryngismus Stridulus

None

Hydrocephalus

Jan. 16	44, Anslow Street	F	3¾ years	F Blacksmith	Meningitis
Mar. 7	18, Charlton Street	F	2 years	F Clerk	Do.
„ 24	109, Hamilton Street	F	7 months	F Pointsman	Do.
Apl. 30	596, Rochdale Road	M	2 years	F Engraver	Hydrocephalus
May 16	100, North Kent Street	F	6 years	F Labourer	Meningitis
„ 17	38, Abel Street	M	11 months	F Yarn printer	Do.
June 9	67, Montague Street	F	1½ years	F Hawker	Do.
July 8	28, Percival Street	F	4 month	F Painter	Do.
„ 14	296, Queen's Road	M	4 years	F Plumber	Do.
Aug. 21	18, Husband Street	M	8 months	M Dressmaker	Hydrocephalus
Sep. 8	37, Thornton Street	F	3 years	F Brickmaker	Meningitis

Apoplexy

Jan. 23	184, Hamilton Street	F	45 years	H Labourer	Apoplexy
Oct. 25	84, Queen's Road	F	69 years	Widow	Do.
„ 28	34, Hall's Cresent	F	64 years	H Property owner	Do.
Nov. 13	76, Husband Street	M	29 years	Labourer	Do.

Sanitary District No. 2—Causes of Death, 1880—continued

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 10	70, North Kent Street	F	73 years	Widow	Natural decay
,, 16	656, Rochdale Road	M	10 months	Joiner	Marasmus
,, 24	72, Harrowby Street	F	79 years	Widow	General decay
Feb. 19	36, Lindley Street	F	95 years	Housekeeper	Natural decay
Mar. 4	86, Hall's Crescent	M	61 years	Labourer	Senile decay
Apl. 12	178, Cheltenham Street	M	65 years	Shuttle maker	Wasting
June 2	79, Montague Street	F	6 years	Carter	Tabes
July 25	24, Husband Street	F	2 days	Sheet maker	Debility
Sep. 16	5, North Kent Street	M	1 year	Warehouseman	Wasting
Oct. 29	77, Husband Street	M	10 months	Labourer	Do.
Nov. 8	104, Queen's Road	M	1 week	Moulder	Debility
,, 12	225, Hamilton Street	M	4½ years	Winder	Anæmia
,, 13	226, Hamilton Street	M	6 months	Brass moulder	Tabes
,, 20	85, Percival Street	F	1¼ years	Iron fitter	Atrophy

Premature Birth

Jan. 18	191, Cheltenham Street	M	7 days	Gas fitter	Premature birth
Apl. 27	86, Montague Street	F	10 days	Labourer	Do.
June 27	98, Charlton Street	M	9 hours	Lurryman	Do.
July 19	62, Charlton Street	F	39 years	Bootmaker	Child birth
Nov. 26	118, Needwood Street	M	20 minutes	Baker	Premature birth
Dec. 13	112, Montague Street	M	5 years	Joiner	Do.

Diseases of Heart

Jan. 3	49, Collyhurst Street	F	58 years	Widow	Aortic disease
,, 17	64, Paget Street	F	69 years	Hair dresser	Disease of heart
Feb. 18	155, Knightley Street	M	58 years	Lead merchant	Morbus cordis
Mar. 12	13, Stretton Street	M	68 years	Cloth dresser	Heart disease
May 5	147, Needwood Street	F	17 years	Labourer	Morbus cordis
July 27	92, Thornton Street	M	79 years	Excavator	Fatty degeneration of heart
Aug. 2	127, Montague Street	M	71 years	Iron plainer	Morbus cordis
,, 29	130, Husband Street	F	9 weeks	Iron fitter	Congenital cerebri
Sep. 2	578, Rochdale Road	F	66 years	Widow	Disease of heart
Dec. 5	158, Knightley Street	F	1 day	Millwright	Syncope

Diseases of Brain

Jan. 19	105, Thornton Street	F	5 months	Painter	Effusion on brain
May 31	56, North Kent Street	M	6 months	Chemist	Do.
Aug. 1	5, Anslow Street	F	6 days	Policeman	Development of cranium

Sanitary District No. 2—Causes of Death, 1880—continued

Disease of Brain—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Oct. 7	88, Needwood Street	M	2¼ years	F Compositor	Effusion on brain
„ 22	107, Teignmouth Street	F	55 years	Widow	Softening of brain
„ 24	59, Knightley Street	M	9 months	F Butcher	Effusion on brain

Diseases of Spine

None

Diseases of Kidneys

Jan. 24	97, Collyhurst Street	M	6½ years	F Wheelwright	Nephritis
June 2	21, Lindley Street	F	7 years	F Striker	Do.
July 3	32, Hamilton Street	F	68 years	Widow	Bright's disease

Diseases of Liver

Jan. 14	292, Queen's Road	M	59 years	Provision dealer	Hepatitis
May 9	161, Hamilton Street	F	47 years	H Weaver	Enlargement of liver
Dec. 4	92, Charlton Street	F	46 years	H Cork cutter	Disease of liver
„ 11	62, Thornton Street	F	48 years	H Lurryman	Amyloid of liver
„ 14	79, Collyhurst Street	F	52 years	H Wheelwright	Hypertrophy of liver

Diseases of Bowels

Feb. 2	79, North Kent Street	M	11 weeks	F Bricklayer	Enteritis
Apl. 24	115, Churnet Street	F	43 years	H Clerk	Enteric fever
May 16	15, Whitehead Street	F	37 years	Housemaid	Peritonitis
June 30	16, Marston Street	M	2¼ years	F Beerseller	Enteritis
Sep. 14	38, Crissey Street	M	70 years	Labourer	Muco-enteritis
Nov. 10	104, Queen's Road	F	38 years	H Moulder	Intestinal obstruction

Paralysis

Jan. 21	84, Queen's Road	M	58 years	Fruit salesman	Paralysis
Sep. 3	10, Consterdine Street	F	76 years	H Watchmaker	Hemiplegia

Ulcers

Feb. 25	162, Montague Street	M	21 years	Iron moulder	Gastric ulcer
„ 29	532, Rochdale Road	F	34 year	H Shoemaker	Malignant pistule
Nov. 14	127, Hamilton Street	F	10 months	F Iron fitter	Noma pudendi

Cancerous Diseases

Mar. 25	10, North Kent Street	F	67 years	Widow	Cancer
Apl. 30	127, Montague Street	F	47 years	H Sawyer	Carcinoma

Jaundice

Apl. 16	19, Needwood Street	M	3 days	F Accountant	Jaundice

Sanitary District No. 2—Causes of Death, 1880—continued

Diseases of Knee

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
May 4	25, Lindley Street	M	6 years	F Labourer	Disease of knee

Infantile Syphilis

May 6	157, Husband Street	M	3 weeks	F Iron fitter	Syphilis
June 21	114, Churnet Street	F	3 months	F Carter	Do.
Nov. 28	216, Cheltenham Street	M	8¾ years	F Gardener	Do.

Dentition

Mar. 28	46, Thornton Street	F	1 year	F Labourer	Dentition
May 27	156, Needwood Street	M	1 year	F Office clerk	Do.
June 3	160, Montague Street	M	6 months	F Labourer	Do.
Sep. 5	78, Hamilton Street	M	15 months	F Engine fitter	Do.
Nov. 23	79, Cheltenham Street	M	13 months	F Packer	Do.

Abscess

Aug. 20	80, Knightley Street	F	50 years	Widow	Abscess
Dec. 18	18, Stretton Street	F	5 years	F Bricklayer	Do.

Erysipelas

Oct. 16	5, Abel Street	F	1¾ years	F French polisher	Erysipelas

Blood Poisoning

Apl. 6	36, Thornton Street	F	24 years	Cotton operative	Septicœmia
May 25	109, Husband Street	F	5 years	F Plumber	Pyœmia

Coroner's Inquests

Jan. 7	1, Berry's Buildings	F	11 months	F Driller	Natural disease
„ 20	51, Knightley Street	F	7 weeks	M Servant	Found dead
Feb. 15	203, Hamilton Street	M	41 years	Policeman	Natural causes
„ 16	6, Berry's Buildings	M	14 days	F Engine driver	Convulsive fit
Mar. 18	80, Harrowby Street	M	3 months	F Porter	Natural causes
Apl. 27	58, Harrowby Street	F	41 years	H Tinplate worker	Neglect—manslaughter
„ 28	8, Husband Street	F	7 hours	F Umbrella maker	Convulsions
June 9	185, Husband Street	M	1 year	F Painter	Convulsive fit
July 5	41, Crissey Street	F	1 month	F Labourer	Do.
„ 12	126, Thornton Street	M	4 months	F Fitter	Do.
Aug. 4	15, Lindley Street	F	11 days	F Dyer	Do.
„ 8	135, Teignmouth Street	M	8 weeks	F Bricklayer	Do.
Sep. 4	74, Montague Street	M	50 years	Engine driver	Epileptic fit
„ 30	224, Queen's Road	F	80 years	Widow	Natural causes
Nov. 16	38, Percival Street	M	61 years	Warehouseman	Do.

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes*, 29·46

Special Forms of Zymotic Disease, 14·73

Fever (typhus and typhoid)...	—	Whooping cough	7·83
Scarlet fever.....	2·76	Smallpox	—
Measles	4·14	Diphtheria	—

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	7·83	Premature births	2·76
Diseases of lungs	28·08	Diseases of heart	4·60
Pneumonia and acute bronchitis.....	16·12	Diseases of brain	2·76
Laryngitis	3·22	Diseases of spine	—
Chronic bronchitis	1·38	Diseases of kidneys	1·38
Phthisis pulmonalis	3·22	Diseases of liver	2·30
Infantile tuberculosis	4·14	Diseases of bowels	2·76
Diseases of nervous system ...	7·36	Paralysis	·92
Convulsions	2·30	Ulcers	1·38
Hydrocephalus	5·06	Cancerous diseases	·92
Laryngismus stridulus	—	Jaundice	·46
Nervous exhaustion	—	Diseases of knee	·46
Diseases of debility	6·45	Infantile syphilis	1·38
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	6·45	Dentition	2·30
Apoplexy	1·84	Abscess	·92
		Erysipelas	·46
		Blood poisoning	·91
		Coroner's inquests.....	6·92

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 2·42

Fever (typhus and typhoid)...	—	Whooping cough	1·61
Scarlet fever	·56	Smallpox	—
Measles	·85	Diphtheria	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	1·61	Premature birth	·56
Diseases of lungs	5·77	Diseases of heart	·94
Pneumonia and acute bronchitis	3·32	Diseases of brain	·56
Laryngitis	·66	Diseases of spine	—
Chronic bronchitis	·28	Diseases of kidneys	·28
Phthisis pulmonalis	·66	Diseases of liver	·47
Infantile tuberculosis	·85	Diseases of bowels	·56
Diseases of nervous system	2·51	Paralysis	·18
Convulsions	·47	Ulcers	·28
Hydrocephalus	1·04	Cancerous diseases	·18
Laryngismus stridulus	—	Jaundice	·09
Nervous exhaustion	—	Diseases of knee	·09
Diseases of debility	1·32	Infantile syphilis	·28
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	1·32	Dentition	·47
Apoplexy	·37	Abscess	·18
		Erysipelas	·09
		Blood poisoning	18
		Coroner's inquests	1·42

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 3

Boundaries

Rochdale Road	Collyhurst Street
Oldham Road	Reather Street

Sanitary Sub-Districts included within No. 3 Sanitary District

Number 11	Number 14
„ 12 (the northern half)	„ 15
„ 13	

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-districts was divided for the purpose of the census in 1871.

No. 3 Sanitary District contains the following Streets, proceeding from Reather Street to Collyhurst Street :—

Reather Street	Pump Street	Hannah Street
Bright Street	New Allen Street	Briddon Street
League Street	Rochdale Road	Teignmouth Street
Twyford Street	Pleasant Vale	Elizabeth Ann Street
Platt Street	Victor Street	Francisco Street
Apollo Street	Abercromby Street	Hamilton Street
Oldham Road	Osborne Street	Arnold Street
Alfred Street	Shelmerdine Street	Worrall Street
Somerset Square	Nicholson Street	Sabina Street
Hinksman Street	Back Cropper Street	Dinwoodie Street
Snowden Street	Monday Street	Richardson Street
Norbury Street	Tuesday Street	Thornton Street
Thistle Street	Wednesday Street	Horrocks Buildings
Singleton's Buildings	Thursday Street	Ferdinand Street
Crossley's Buildings	Junction Street	Laverack Street
Somerset Place	Birt Street	Luke Street
Gaylor Street	Sophia Street	Bullock's Buildings No. 1
Abbott Street	Franklin Street	Bullock's Buildings No. 2
Acorn Street	Chemic Street	Worthington's Court
Chirk Street	Bentley's Place	Phillip's Court
Sudell Street	Henrietta Street	Johnson Square
Worsley Street	Hampson's Court	Ryder Street
Fielden Street	Hampson Street	Collyhurst Street
Coops's Buildings	Whitley Street	

The Streets arranged according to their Width

	ft.	in.
Oldham Road	127	5
Rochdale Road	60	10
Collyhurst Street	42	7
Johnson Square	41	6
Birt Street	39	8
New Allen Street	37	2
Osborne Street	36	2
Reather Street	36	0
Junction Street	35	2
Dinwoodie Street	30	2
Luke Street	30	2
Sophia Street	30	2
Whitley Street	30	2
Worrall Street	30	2
Back Cropper Street	30	0
Hannah Street	30	0
Shelmerdine Street	30	0
Thornton Street	30	0
Worsley Street	30	0
Gaylor Street	29	11
Thistle Street	29	9
Richardson Street	29	8
Ferdinand Street	29	4
Pump Street	29	2
Briddon Street	27	2
Fielden Street	27	2
Francisco Street	27	2
Laverack Street	27	2
Teignmouth Street	27	2
Ryder Street	27	1
Abercromby Street	27	0
Hamilton Street	27	0
Elizabeth Ann Street	26	11
Franklin Street	26	11
Hampson Street	26	8
Teignmouth Street	26	8
Thornton Street	26	5
Thistle Street	24	8
Alfred Street	24	4
League Street	24	3
Snowden Street	24	3
Chemic Street	24	2
Nicholson Street	24	2
Sabina Street	24	2
Tuesday Street	24	2
Abbott Street	24	0
Arnold Street	24	0
Chirk Street	24	0
Crossley's Buildings	24	0
Pleasant Vale	24	0
Twyford Street	24	0
Apollo Street	23	11
Singleton's Buildings	23	11
Somerset Square	23	11
Acorn Street	23	10
Bright Street	23	10
Monday Street	23	11
Hinksman Street	23	10
Somerset Place	23	10
Victor Street	23	10
Norbury Street	23	9
Platt Street	23	9
Sudell Street	23	9
Wednesday Street	22	4
Henrietta Street	19	3
Thursday Street	17	1
Worthington's Court	17	0
Phillip's Court	16	4
Birt Street	13	11
Hampson's Court	11	0
Bullock's Buildings No. 2	10	11
Bullock's Buildings No. 1	10	2
Horrocks Buildings	8	11
Bentley's Place	8	10
Hampson's Court No. 2	7	11
Coops's Buildings	7	6

The Streets arranged Alphabetically

Abbott Street
Abercromby Street
Acorn Street
Alfred Street
Apollo Street
Arnold Street
Back Cropper Street
Bentley's Place
Birt Street
Briddon Street
Bright Street
Bullock's Buildings No. 1
Bullock's Buildings No. 2
Chemic Street
Chirk Street
Collyhurst Street
Coops's Buildings
Crossley's Buildings
Dinwoodie Street
Elizabeth Ann Street
Ferdinand Street
Fielden Street
Francisco Street
Franklin Street
Gaylor Street
Hamilton Street
Hampson Street
Hampson's Court
Hannah Street
Henrietta Street
Hinksman Street
Horrocks Buildings
Johnson Square
Junction Street
Laverack Street
League Street
Luke Street
Monday Street
New Allen Street
Nicholson Street
Norbury Street
Oldham Road
Osborne Street
Phillip's Court
Platt Street
Pleasant Vale
Pump Street
Reather Street
Richardson Street
Rochdale Road
Ryder Street
Sabina Street
Shelmerdine Street
Singleton's Buildings
Snowden Street
Somerset Place
Somerset Square
Sophia Street
Sudell Street
Teignmouth Street
Thistle Street
Thornton Street
Thursday Street
Tuesday Street
Twyford Street
Victor Street
Wednesday Street
Whitley Street
Worrall Street
Worsley Street
Worthington's Court

Altitudes above the Sea Level

	ft.	in.
The Rochdale Road end of Collyhurst Street is the lowest point in the district	—	
Bolt in east pier of Regent Road Bridge, near Water Street, 4ft. above the surface of the Irwell at this point	86	0
Mark on the wall of the Manchester Royal Infirmary (the mark is close to the flags)	149	9
The corner of Reather Street and Oldham Road is	181	0
The flags at the end of Reather Street in Rochdale Road are	183	0
The highest point on Rochdale Road in this district, immediately over the railway bridge, is	184	0
The point of junction in the centre of Oldham Road and Collyhurst Street	191	0
The centre of Oldham Road, opposite St. George's Schools (the highest point in the district) is	192	0

Sewers

This district is chiefly drained by three main sewers. The first of these flows northwards up Oldham Road, and turns down Collyhurst Street and Rochdale Road into Moss Brook; the sewers of the small streets in the northern half of the district flow into this in Oldham Road, in Collyhurst Street, and in Rochdale Road.

The second main sewer flows along Osborne Street and down Rochdale Road and Buckley Street into the river Irk; Junction Street sewer and Back Cropper Street, with their attendant minor sewers, fall into it in Osborne Street.

The third main sewer runs down Oldham Road, and Birt Street sewer runs into it.

The southern part of the district enclosed by Osborne Street and Reather Street is drained by Sudell Street sewer and New Allen Street sewer; these flow southwards into No. 4 District.

As a rule, the fall of the sewers corresponds with the slope of the land. If a line be drawn through the district from Rochdale Road through Franklin Street to St. George's Schools in Oldham Road, it will represent the highest part of the district; the sewers consequently fall from this line to Reather Street on the south side and to Collyhurst Street on the north.

Houses

The greater part of the houses in this district have been erected since 1850, and most of the remainder have been built since 1830. In Oldham Road some of the houses date before 1830, but they are very old and dilapidated for the most part.

The houses in Phillip's Court, Bullock's Buildings, Horrock's Buildings, Hampson's Court, and Bentley's Place are not suitable places for human habitation; the rooms are small and damp, and the air is confined by the narrowness of the courts.

The width of the streets varies from 42ft. to 7ft. 6in., and the greater number of them are 24ft. wide, that is, 6ft. narrower than is required by the bye-law of the Council of the city of Manchester, 1868, which requires a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two stories.

The yards of the houses are small, the passages are narrow, and in many cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick. A few have bay windows in the front rooms.

The streets enumerated within this district contain, according to actual counting, 1,869 houses (*Bastow*). The number contained in the Overseers' books for the year 1880-81 is 1,862, of which 95 are unoccupied, leaving 1,767 as inhabited houses.

Places of Worship

St. James's, Richardson Street .....Church of England
Chapel, Teignmouth Street ....Primitive Methodists
Chapel, Teignmouth Street .....Welsh Methodists
Chapel, Osborne Street ..... .Independents

Schools

St. James's Schools .....Teignmouth Street
St. James's Schools ....Ryder Street
St. George's Schools .....Oldham Road
Board Schools (Independents) .....Osborne Street

Workmen's Club

St. James's .....Teignmouth Street

Works

Locomotive Works .....Back Cropper Street
Albion Works (Cotton Can Ring Makers)...Gaylor Street
Silk Works (Lees, Makin, & Son).....Hamilton Street
Iron Works (Craven's) .....Nicholson Street
Health Committee's Works .....Oldham Road
Union Iron Works (Clarke & Sutcliffe) ...Shelmerdine Street
Manufacturing Chemist (Southren's).....Sophia Street
Cooperage (Brennan's).....Sophia Street
Engineers and Tool Makers (G. E. Moulton)..Thornton Street
Globe Iron Works (C. Smeeling) .....Thornton Street

Data POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 3 Sanitary District contained, according to the Overseers' books for the current year, 1,767 inhabited houses, this multiplied by 5·01 will give as the number of inhabitants	8,852
Multiplied by 4·95 the number will be	8,746
Multiplied by 4·82 the number will be	8,516
The mean of these three estimates is	8,704

Which will tolerably represent the population of the district.

The greater part of the male population is employed at the Lancashire and Yorkshire Railway Company's Works, and at the other engineering workshops in the locality. Iron working is therefore the staple industry of the district. The line of houses and shops in Oldham Road is occupied by brokers, hay dealers, broom makers, and provision dealers. The works of the Health Department take up a large part of the eastern boundary.

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT No. 3.

SCALE 7½ INCHES = ¼ OF A MILE.

HOUSES BUILT SINCE 1870 .....
" " 1850 .....
" " 1830 .....
" BEFORE 1830 .....
CHURCHES, SCHOOLS, MILLS, &c. .....

Richd. A. Bastow

Sanitary District No. 3

Mortality

From 30th December, 1879, to 23rd December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 183.

Death Rate

According to the population estimated by the average city rate of occupation 184 deaths would give a rate per 1,000 of..... 20·67
According to the township rate of occupation ..... 20·92
According to the registration sub-district rate ..... 21·48
The mean of these three estimates of population ..... 21·02

Details of Death, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 30	7, Pleasant Vale	F	50 years	H Labourer	Bronchitis
,, 31	10, Reather Street	M	7 years	F Schoolmaster	Congestion of lungs
1880					
Jan. 2	2, Thursday Street	M	4 months	F Labourer	Convulsions
,, 5	36, Whitley Street	M	73 years	... Labourer	Natural causes
,, 8	29, Richardson Street	M	2¾ years	F Pattern maker	Croup
,, 11	26, Worsley Street	M	5 weeks	F Carter	Atrophy
,, 13	8, Sabina Street	M	12 weeks	F Blacksmith	Convulsions
,, 16	16, Richardson Street	F	68 years	... Silk winder	Bronchitis
,, 18	373, Oldham Road	M	4 months	F Cotton carder	Broncho-pneumonia
,, 20	26, Gaylor Street	M	2 years	F Glass maker	Bronchitis
,, 20	121, Ryder Street	M	57 years	... Labourer	Apoplexy
,, 21	92, Ryder Street	M	2 years	F Blacksmith	Bronchitis
,, 21	96, Osborne Street	F	16 years	F Beerseller	Meningitis
,, 22	48, Teignmouth Street	F	37 years	... Widow	Heart disease
,, 22	14, Reather Street	M	9 months	F Wheelwright	Atrophy
,, 22	14, Alfred Street	F	1¼ years	F Weaver	Bronchitis
,, 24	8, League Street	F	2 years	F Labourer	Do.
,, 26	42, Hannah Street	M	70 years	... Die maker	Aortic regurgitation
,, 31	63, Ryder Street	M	3½ years	F Iron fitter	Laryngitis
,, 31	38, Whitley Street	M	72 years	... Painter	Apoplexy
Feb. 8	46, Fielden Street	M	86 years	... Painter	Senile decay
,, 9	472, Rochdale Road	F	3 years	F Agent	Scarlatina
,, 10	16, Fielden Street	M	3¼ years	F Malt grinder	Tabes
,, 11	58, Whitley Street	M	5 months	F Lurryman	Pertussis
,, 15	19, Gaylor Street	M	44 years	... Pensioner	Obstruction of intestines
,, 16	2, Ryder Street	M	40 years	... Telegraph man	Phthisis
,, 17	69, Osborne Street	M	19 years	... Letter sorter	Do.

Sanitary District No. 3—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Feb. 17	88, Reather Street	M	58 years	Designer	Morbus cordis
,, 18	43, Worsley Street	F	3 years	Painter	Pertussis
,, 18	29, Francisco Street	F	5 months	Cooper	Bronchitis
,, 19	70, Teignmouth Street	F	64 years	Widow	Senile gangrene
,, 19	26, Gaylor Street	F	4¼ years	Glass maker	Pneumonia
,, 20	13, Dinwoodie Street	F	9 years	Iron fitter	Meningitis
,, 23	42, Gaylor Street	M	1¾ years	Spinner	Pertussis
,, 23	381, Oldham Road	M	53 years	Shoemaker	Anæmia
,, 24	365, Oldham Road	F	14 years	Iron fitter	Meningitis
,, 24	6, Twyford Street	F	19 days	Traveller	Convulsions
,, 25	3, Abercromby Street	F	1 year	Iron dresser	Pneumonia
,, 28	36, Hannah Street	F	66 years	Widow	Chronic bronchitis
Mar. 1	425, Oldham Road	M	62 years	Shoemaker	Asthma
,, 1	14, Osborne Street	F	41 years	Jeweller	Natural causes
,, 3	67, Whitley Street	M	8 months	Labourer	Tuberculosis
,, 6	8, Crossley's Buildings	M	45 years	Carter	Peritonitis
,, 8	28, Hamilton Street	F	53 years	Widow	Bronchitis
,, 12	135, Sudell Street	M	57 years	Tailor	Pereneal fistula
,, 14	77, Ryder Street	F	1¼ years	Spindle maker	Pneumonia
,, 14	13, Richardson Street	F	63 years	Widow	Hepatitis
,, 21	8, League Street	F	4 years	Labourer	Pertussis
,, 24	27, Worsley Street	M	1 year	Porter	Scalds
,, 24	5, Gaylor Street	F	3 months	Hair dresser	Marasmus
,, 27	375, Oldham Road	F	3 months	Agent	Suffocation
,, 29	34, Francisco Street	F	27 years	Beetler	Inflammation of lungs
,, 30	12, Bright Street	F	56 years	Calenderer	Bronchitis
Apl. 1	52, Somerset Place	M	1 month	Cotton winder	Convulsions
,, 2	16, Dinwoodie Street	F	1¼ years	Iron fitter	Pneumonia
,, 4	30, Fielden Street	F	48 years	Widow	Do.
,, 7	92, Sudell Street	F	1 month	Painter	Convulsions
,, 8	46, Richardson Street	F	37 years	Sawyer	Delirium l'potu
,, 9	38, Elizabeth Ann Street	F	20 years	Warehouseman	Hæmorrhage
,, 10	4, Ryder Street	F	6 months	Clerk	Bronchitis
,, 15	350, Rochdale Road	F	1¾ years	Leather dealer	Meningitis
,, 15	472, Rochdale Road	F	34 years	Agent	Bronchitis
,, 15	40, Hamilton Street	F	1 month	Barmaid	Debility
,, 16	51, Elizabeth Ann Street	M	1½ years	Fitter	Bronchitis
,, 18	59, Ryder Street	F	1 year	Joiner	Morbilli
,, 18	30, Fielden Street	F	24 hours	Reporter	Premature birth
,, 24	361, Oldham Road	F	38 years	Publican	Ovarian cyst
,, 28	1, Shelmerdine Street	M	59 years	Clerk	Natural causes
,, 30	53, Ryder Street	F	10 months	Slater	Pertussis
,, 30	37, Worsley Street	F	7 weeks	Labourer	Bronchitis
May 1	33, Hamilton Street	M	4 months	Fitter	Meningitis
,, 1	48, Somerset Place	F	39 years	Instrument maker	Phthisis
,, 3	54, Elizabeth Ann Street	M	5 months	Fitter	Bronchitis

Sanitary District No. 3—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
May 4	393, Oldham Road	M	9 months	F Broker	Pneumonia
,, 4	85, Abbott Street	F	59 years	H Gasman	Bronchitis
,, 7	39, Hamilton Street	M	19 years	Bookbinder	Phthisis
,, 10	338, Rochdale Road	F	28 years	H Grocer	Cirrhosis of liver
,, 12	92, Osborne Street	F	7 months	F Fitter	Bronchitis
,, 12	3, Twyford Street	M	66 years	Labourer	Accidental death
,, 15	5, Back Hampson Street	M	13 months	F Hawker	Pneumonia
,, 21	11, Gaylor Street	F	47 years	Weaver	Bronchitis
,, 21	11, Somerset Place	F	33 years	Mantle maker	Asthma
,, 25	3, Victor Street	M	53 years	Striker	Cirrhosis
,, 25	19, Abercromby Street	M	43 years	Bookbinder	Pneumonia
,, 26	19, Abercromby Street	M	12 years	F Lurryman	Mitral regurgitation
,, 27	16, Arnold Street	F	3¾ years	F Policeman	Congestion of lungs
,, 31	60, Ryder Street	M	2 hours	F Policeman	Atelectasis
June 5	32, Francisco Street	F	2 months	F Painter	Debility
,, 5	16, Hannah Street	F	40 years	H Policeman	Child birth
,, 7	45, Whitley Street	F	4 years	F Joiner	Rheumatism
,, 8	1, Tuesday Street	F	36 years	H Labourer	Chronic bronchitis
,, 9	55, Worsley Street	F	15 months	F Labourer	Dentition
,, 9	27, Osborne Street	F	5¾ years	F Iron fitter	Epilepsy
,, 9	26, Gaylor Street	M	35 years	Comedian	Phthisis
,, 11	9, Alfred Street	F	28 years	H Stonemason	Do.
,, 11	9, Alfred Street	M	9 hours	F Stonemason	Debility
,, 12	28, Somerset Place	F	3¾ years	F Confectioner	Scarlatina
,, 14	9, Singleton's Buildings	M	1 year	F Looking glass maker	Debility
,, 21	6, Arnold Street	F	58 years	H Cabinet maker	Enteric fever
,, 21	361, Oldham Road	M	6 years	F Publican	Peritonitis
,, 24	392, Rochdale Road	M	36 years	Provision dealer	Diarrhœa
,, 24	54, Francisco Street	M	6½ years	F Labourer	Scarlet fever
,, 28	38, Francisco Street	F	5 years	F Clerk	Scarlatina
,, 29	4, Somerset Place	F	10 years	F Labourer	Consumption of bowels
July 6	40, Teignmouth Street	M	58 years	Joiner	Diabetes
,, 10	24, Osborne Street	F	45 years	H Policemen	Peritonitis
,, 11	87 Ryder Street	F	41 years	Widow	Heart disease
,, 19	2, Singleton's Buildings	F	46 years	H Lurryman	Pneumonia
,, 20	43, Elizabeth Ann Street	M	50 years	Plumber	Abdominal aneurism
,, 22	Nicholson Street	M	70 years	Labourer	Heart disease
,, 23	3, Thursday Street	F	33 years	H Labourer	Phthisis
,, 25	17, Osborne Street	M	84 years	Currier	Natural decay
,, 26	482, Rochdale Road	F	14 days	F Provision dealer	Asthenia
,, 31	8, Fielden Street	F	47 years	Hawker	Ascites
Aug. 2	70, Osborne Street	M	11 weeks	F Labourer	Diarrhœa
,, 2	23, Elizabeth Ann Street	F	1½ years	F Finisher	Morbilli
,, 4	261, Oldham Road	F	23 years	Machinist	Phthisis
,, 6	355, Oldham Road	F	5 months	F Hawker	Convulsions
,, 7	55, Ryder Street	F	11 months	F Joiner	Pertussis

Sanitary District No. 3—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age		Occupation	Cause of Death
Aug. 8	Worsley's Court	F	2 years	F	Slater	Pneumonia
,, 14	40, Somerset Place	F	3¾ years	F	Cellarman	Meningitis
,, 16	13, Bright Street	F	2 years	F	Labourer	Convulsions
,, 18	Crossley's Buildings	M	16 years	F	Glass cutter	Phthisis
,, 26	7, Worrall Street	M	7 months	F	Carter	Diarrhœa
,, 26	2, Sabina Street	F	1¼ years	F	Policeman	Pertussis
,, 26	18, Bright Street	M	5 months	F	Labourer	Diarrhœa
,, 26	1, Arnold Street	M	16 months	F	Carter	Do.
,, 29	52, Teignmouth Street	F	32 years	H	Bookbinder	Hæmorrhage
,, 30	9, Arnold Street	F	40 years	H	Joiner	Bronchitis
Sep. 3	25, Hamilton Street	F	2 years	F	Stiffener	Do.
,, 4	8, Bright Street	F	1 month	M	Machinist	Convulsions
,, 5	1, Laverack Street	M	22 years		Barman	Tumour of thigh
,, 6	95, Back Cropper Street	F	8 days	F	Tanner	Debility
,, 7	24, Junction Street	M	1½ years	F	Porter	Pneumonia
,, 9	397, Oldham Road	M	29 years		Iron fitter	Do.
,, 10	39, Francisco Street	M	7 weeks	F	Fish dealer	Convulsive fit
,, 12	11, League Street	M	62 years		Butcher	Bronchitis
,, 12	71, Back Cropper Street	M	2¼ years	F	Pickle maker	Tabes
,, 13	4, Hampson's Court	F	19 years		Cotton doubler	Bronchitis
,, 15	37, Fielden Street	F	13 months	F	Labourer	Diarrhœa
,, 16	82, Sudell Street	M	5 months	F	Joiner	Marasmus
,, 16	19, Luke Street	F	7 months	M	Servant	Tuberculosis
,, 18	381, Oldham Road	F	44 years		Widow	Hepatitis
,, 19	2, Hampson's Yard	F	8 months	F	Shoemaker	Marasmus
,, 19	51, Worsley Street	M	39 years		Iron fitter	Phthisis
,, 20	263 Oldham Road	M	80 years		Iron fitter	Chronic bronchitis
,, 21	30, Collyhurst Street	M	9 months	F	Fitter	Diarrhœa
,, 30	56, Teignmouth Street	M	6 days	F	Gasman	Atelectasis
Oct. 1	117, Osborne Street	M	37 years		Slipper maker	Enteritis
,, 5	25, Whitley Street	F	7 months	F	Clerk	Diarrhœa
,, 13	6, Somerset Place	F	1½ years	F	Tailor	Pertussis
,, 19	5, Worsley Street	F	24 years	H	Warehouseman	Exopthalmic goitre
,, 20	9, Osborne Street	M	46 years		Gas stoker	Bright's disease
,, 21	33, Richardson Street	M	70 years		Baker	Cardiac disease
,, 21	35, Nicholson Street	M	8 months	F	Tanner	Bronchitis
,, 25	54, Somerset Place	M	2 years	F	Painter	Tabes
,, 25	29, Whitley Street	F	69 years		Widow	Cardiac disease
,, 27	72, Osborne Street	F	2 years	F	Tailor	Meningitis
Nov. 1	367, Oldham Road	M	8 months	F	Blacksmith	Marasmus
,, 2	44, Worsley Street	F	59 years		Widow	Erysipelas
,, 2	3, Hamilton Street	M	2½ years	F	Maker-up	Pneumonia
,, 6	85, Osborne Street	F	50 years	H	Plasterer	Disease of heart
,, 7	25, Alfred Street	F	17 months	F	Fustian cutter	Tabes
,, 8	9, Monday Street	F	10 months	F	Steward	Pneumonia

Sanitary District No. 3—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age		Occupation	Cause of Death
Nov. 8	105, Abbott Street	M	13 years	F	Slipper maker	Caries of vertebra
„ 15	39, Elizabeth Ann Street	M	57 years		Brush maker	Bronchitis
„ 18	10, Osborne Street	F	1 month	F	Cabinet maker	Premature birth
„ 18	60, Francisco Street	F	57 years	H	Bricklayer	Natural causes
„ 20	6, Elizabeth Ann Street	F	3½ months	F	Labourer	Pneumonia
„ 20	48, Richardson Street	M	61 years		Shoemaker	Bronchitis
„ 22	109, Hannah Street	F	3 years	F	Whitesmith	Do.
„ 23	13, Chemic Street	M	4½ years	F	Labourer	Croup
„ 23	52, Reather Street	F	10 years	F	Boiler maker	Scarlatina
„ 28	13, Chemic Street	M	2¾ years	F	Labourer	Croup
Dec. 4	19, Junction Street	M	3¾ years	F	Publican	Obstruction of bowels
„ 6	14, Bright Street	F	1¼ years	F	Coachman	Pnenmouia
„ 8	53, Richardson Street	M	8 months	F	Joiner	Marasmus
„ 9	80, Teignmouth Street	M	52 years		Publican	Pneumonia
„ 13	78, Sudell Street	M	9 weeks	F	Spinner	Convulsive fit
„ 14	10, Fielden Street	M	2 years	F	Lurryman	Tabes
„ 18	10, Elizabeth Ann Street	F	5 years	F	Shoemaker	Scarlatina
„ 20	35, Hamilton Street	F	51 years		Widow	Hepatic disease
„ 23	76, Teignmouth Street	M	1 hour	F	Apparitor	Premature birth

Ages at Death

All under 1 year	48	
„ 2 years	67	
„ 3 „	81	
„ 4 „	90	
„ 5 „	94 =	94
All between 5 and 10 years, including the first term		7
„ 10 „ 20 „ „ „		10
„ 20 „ 30 „ „ „		8
„ 30 „ 40 „ „ „		13
„ 40 „ 50 „ „ „		15
„ 50 „ 60 „ „ „		19
„ 60 „ 70 „ „ „		9
„ 70 „ 80 „ „ „		5
„ 80 „ 90 „ „ „		3
Total deaths		183

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	26·22	Under 4 years	49·18
„ 2 years	36·61	„ 5 „	51·36
„ 3 „	46·26		
Between 5 and 10 years	3·82	Between 50 and 60 years	10·38
„ 10 „ 20 „	5·46	„ 60 „ 70 „	4·91
„ 20 „ 30 „	4·37	„ 70 „ 80 „	2·73
„ 30 „ 40 „	7·10	„ 80 „ 90 „	1·63
„ 40 „ 50 „	8·19		

Deaths per 1,000 *of the mean population* (8,704) *at different ages*

Under 1 year	5·51	Under 4 years	10·34
„ 2 years	7·69	„ 5 „	10·79
„ 3 „	9·30		
Between 5 and 10 years, including the first term	·80	Between 50 and 60 years, including the first term	2·18
„ 10 „ 20 „	1·14	„ 60 „ 70 „	1·03
„ 20 „ 30 „	·91	„ 70 „ 80 „	·57
„ 30 „ 40 „	1·49	„ 80 „ 90 „	·34
„ 40 „ 50 „	1·72		

SANITARY DISTRICT No. 3—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Feb. 9	472, Rochdale Road	F	3 years	F Agent	Scarlatina
June 12	28, Somerset Place	F	3¾ years	F Confectioner	Do.
„ 24	54, Francisco Street	M	6½ years	F Labourer	Scarlet fever
„ 28	38, Francisco Street	F	5 years	F Clerk	Scarlatina
Nov. 23	52, Reather Street	F	10 years	F Boiler maker	Do.
Dec. 18	10, Elizabeth Ann Street	F	5 years	F Shoemaker	Do.

Typhoid Fever

None

Measles

Apl. 18	59, Ryder Street	F	1 year	F Joiner	Morbilli
Aug. 2	23, Elizabeth Ann Street	F	1½ years	F Finisher	Do.

Whooping Cough

Feb. 11	58, Whitley Street	M	5 months	F Lurryman	Pertussis
„ 18	43, Worsley Street	F	3 years	F Painter	Do.
„ 23	42, Gaylor Street	M	1¾ years	F Spinner	Do.
Mar. 21	8, League Street	F	4 years	F Labourer	Do.
Apl. 30	53, Ryder Street	F	10 months	F Slater	Do.
Aug. 7	55, Ryder Street	F	11 months	F Joiner	Do.
„ 26	2, Sabina Street	F	1¼ years	F Policeman	Do.
Oct. 13	6, Somerset Place	F	1½ years	F Tailor	Do.

Diphtheria

None

Diarrhœa

June 24	392, Rochdale Road	M	36 years	Provision dealer	Diarrhœa
Aug. 2	70, Osborne Street	M	11 weeks	F Labourer	Do.
„ 26	7, Worrall Street	M	7 months	F Carter	Do.
„ 26	18, Bright Street	M	5 months	F Labourer	Do.
„ 26	1, Arnold Street	M	16 months	F Carter	Do.
Sep. 15	37, Fielden Street	F	13 months	F Labourer	Do.
„ 21	30, Collyhurst Street	M	9 months	F Fitter	Do.
Oct. 5	25, Whitley Street	F	7 months	F Clerk	Do.

Sanitary District No. 3—Causes of Death, 1880—continued

Diseases of Lungs

Pneumonia and Acute Bronchitis

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 30	7, Pleasant Vale	F	50 years	H Labourer	Bronchitis
,, 31	10, Reather Street	M	7 years	F Schoolmaster	Congestion of lungs
1880					
an. 16	16, Richardson Street	F	68 years	Silk winder	Bronchitis
,, 18	373, Oldham Road	M	4 months	F Cotton carder	Broncho-pneumonia
,, 20	26, Gaylor Street	M	2 years	F Glass maker	Bronchitis
,, 21	92, Ryder Street	M	2 years	F Blacksmith	Do.
,, 22	14, Alfred Street	F	1¼ years	F Weaver	Do.
,, 24	8, League Street	F	2 years	F Labourer	Do.
Feb. 18	29, Francisco Street	F	5 months	F Cooper	Do.
,, 19	26, Gaylor Street	F	4¼ years	F Glass maker	Pneumonia
,, 25	3, Abercromby Street	F	1 year	F Iron dresser	Do.
Mar. 1	425, Oldham Road	M	62 years	Shoemaker	Asthma
,, 8	28, Hamilton Street	F	53 years	Widow	Bronchitis
,, 14	77, Ryder Street	F	1¼ years	F Spindle maker	Pneumonia
,, 29	34, Francisco Street	F	27 years	H Beetler	Inflammation of lungs
,, 30	12, Bright Street	F	56 years	H Calenderer	Bronchitis
Apl. 2	16, Dinwoodie Street	F	1¼ years	F Iron fitter	Pneumonia
,, 4	30, Fielden Street	F	48 years	Widow	Do.
,, 10	4, Ryder Street	F	6 months	F Clerk	Bronchitis
,, 15	472, Rochdale Road	F	34 years	H Agent	Do.
,, 16	51, Elizabeth Ann Street	M	1½ years	F Fitter	Do.
,, 30	37, Worsley Street	F	7 weeks	F Labourer	Do.
May 3	54, Elizabeth Ann Street	M	5 months	F Fitter	Do.
,, 4	393, Oldham Road	M	9 months	F Broker	Pneumonia
,, 4	85, Abbott Street	F	59 years	H Gasman	Bronchitis
,, 12	92, Osborne Street	F	7 months	F Fitter	Do.
,, 15	5, Back Hampson Street	M	13 months	F Hawker	Pneumonia
,, 21	11, Gaylor Street	F	47 years	Weaver	Bronchitis
, 21	11, Somerset Place	F	33 years	Mantle maker	Asthma
,, 25	19, Abercromby Street	M	43 years	Bookbinder	Pneumonia
,, 27	16, Arnold Street	F	3¾ years	F Policeman	Congestion of lungs
,, 31	60, Ryder Street	M	2 hours	F Policeman	Atelectasis
July 19	2, Singleton's Buildings	F	46 years	H Lurryman	Pneumonia
Aug. 8	Worsley's Court	F	2 years	F Slater	Do.
,, 30	9, Arnold Street	F	40 years	H Joiner	Bronchitis
Sep. 3	25, Hamilton Street	F	2 years	F Stiffener	Do.
,, 7	24, Junction Street	M	1½ years	F Porter	Pneumonia
,, 9	397, Oldham Road	M	29 years	Iron fitter	Do.
,, 12	11, League Street	M	62 years	Butcher	Bronchitis
,, 13	4, Hampson's Court	F	19 years	Cotton doubler	Do.
,, 30	56, Teignmouth Street	M	6 days	F Gasman	Atelectasis

Sanitary District No. 3—Causes of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Oct. 21	35, Nicholson Street	M	8 months	F Tanner	Bronchitis
Nov. 2	3, Hamilton Street	M	2½ years	F Maker-up	Pneumonia
,, 8	9, Monday Street	F	10 months	F Steward	Do.
,, 15	39, Elizabeth Ann Street	M	57 years	Brush maker	Bronchitis
,, 20	6, Elizabeth Ann Street	F	3½ months	F Labourer	Pneumonia
,, 20	48, Richardson Street	M	61 years	Shoemaker	Bronchitis
,, 22	109, Hannah Street	F	3 years	F Whitesmith	Do.
Dec. 6	14, Bright Street	F	1¼ years	F Coachman	Pneumonia
,, 9	80, Teignmouth Street	M	52 years	Publican	Do.
	Laryngitis				
Jan. 8	29, Richardson Street	M	2¾ years	F Pattern maker	Croup
,, 31	63, Ryder Street	M	3½ years	F Iron fitter	Laryngitis
Nov. 23	13, Chemic Street	M	4½ years	F Labourer	Croup
,, 28	13, Chemic Street	M	2¾ years	F Labourer	Do.
	Chronic Bronchitis				
Feb. 28	36, Hannah Street	F	66 years	Widow	Chronic bronchitis
June 8	1, Tuesday Street	F	36 years	H Labourer	Do.
Sep. 20	263, Oldham Road	M	80 years	Iron fitter	Do.
	Phthisis Pulmonalis				
Feb. 16	2, Ryder Street	M	40 years	Telegraph man	Phthisis
,, 17	69, Osborne Street	M	19 years	Letter sorter	Do.
May 1	48, Somerset Place	F	39 years	H Instrument maker	Do.
,, 7	39, Hamilton Street	M	19 years	Bookbinder	Do.
June 9	26, Gaylor Street	M	35 years	Comedian	Do.
,, 11	9, Alfred Street	F	28 years	H Stonemason	Do.
July 23	3, Thursday Street	F	33 years	H Labourer	Do.
Aug. 4	261, Oldham Road	F	23 years	Machinist	Do.
,, 18	Crossley's Buildings	M	16 years	F Glass cutter	Do.
Sep. 19	51, Worsley Street	M	39 years	Iron fitter	Do.
	Infantile Tuberculosis				
Mar. 3	67, Whitley Street	M	8 months	F Labourer	Tuberculosis
Sep. 16	19, Luke Street	F	7 months	M Servant	Do.
	Diseases of Nervous System				
	Convulsions, Hydrocephalus, Meningitis, &c.				
	Convulsions				
Jan. 2	2, Thursday Street	M	4 months	F Labourer	Convulsions
,, 13	8, Sabina Street	M	12 weeks	F Blacksmith	Do.
Feb. 24	6, Twyford Street	F	19 days	F Traveller	Do.
Apl. 1	52, Somerset Place	M	1 month	M Cotton winder	Do.
,, 7	92, Sudell Street	F	1 month	F Painter	Do.
June 9	27, Osborne Street	F	5¾ years	F Iron fitter	Epilepsy
Aug. 6	355, Oldham Road	F	5 months	F Hawker	Convulsions
,, 16	13, Bright Street	F	2 years	F Labourer	Do.
Sep. 4	8, Bright Street	F	1 month	M Machinist	Do.

Sanitary District No. 3—Causes of Death, 1880—continued

Hydrocephalus

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 21	96, Osborne Street	F	16 years	F Beerseller	Meningitis
Feb. 20	13, Dinwoodie Street	F	9 years	F Iron fitter	Do.
„ 24	365, Oldham Road	F	14 years	F Iron fitter	Do.
Apl. 15	350, Rochdale Road	F	1¾ years	F Leather dealer	Do.
May 1	33, Hamilton Street	M	4 months	F Fitter	Do.
Aug. 14	40, Somerset Place	F	3¾ years	F Cellerman	Do.
Oct. 27	72, Osborne Street	F	2 years	F Tailor	Do.

Apoplexy

Jan. 20	121, Ryder Street	M	57 years	Labourer	Apoplexy
„ 31	38, Whitley Street	M	72 years	Painter	Do.

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Jan. 11	26, Worsley Street	M	5 weeks	F Carter	Atrophy
„ 22	14, Reather Street	M	9 months	F Wheelwright	Do.
Feb. 8	46, Fielden Street	M	86 years	Painter	Senile decay
„ 10	16, Fielden Street	M	3¼ years	F Malt grinder	Tabes
„ 19	70, Teignmouth Street	F	64 years	Widow	Senile gangrene
Mar. 24	5, Gaylor Street	F	3 months	F Hair dresser	Marasmus
Apl. 15	40, Hamilton Street	F	1 month	M Barmaid	Debility
June 5	32, Francisco Street	F	2 months	F Painter	Do.
„ 11	9, Alfred Street	M	9 hours	F Stonemason	Do.
„ 14	9, Singleton's Buildings	M	1 year	F Looking glass maker	Do.
July 25	17, Osborne Street	M	84 years	Currier	Natural decay
„ 26	482, Rochdale Road	F	14 days	F Provision dealer	Asthenia
Sep. 6	95, Back Cropper Street	F	8 days	F Tanner	Debility
„ 12	71, Back Cropper Street	M	2¼ years	F Pickle maker	Tabes
„ 16	82, Sudell Street	M	5 months	F Joiner	Marasmus
„ 19	2, Hampson's Yard	F	8 months	F Shoemaker	Do.
Oct. 25	54, Somerset Place	M	2 years	F Painter	Tabes
Nov. 1	367, Oldham Road	M	8 months	F Blacksmith	Marasmus
„ 7	25, Alfred Street	F	17 months	F Fustian cutter	Tabes
Dec. 8	53, Richardson Street	M	8 months	F Joiner	Marasmus
„ 14	10, Fielden Street	M	2 years	F Lurryman	Tabes

Premature Birth

Apl. 18	30, Fielden Street	F	24 hours	F Reporter	Premature birth
June 5	16, Hannah Street	F	40 years	H Policeman	Child birth
Nov. 18	10, Osborne Street	F	1 month	F Cabinet maker	Premature birth
Dec. 23	76, Teignmouth Street	M	1 hour	F Apparitor	Do

Sanitary District No. 3—Causes of Death, 1880—continued

Diseases of Heart

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 22	48, Teignmouth Street	F	37 years	Widow	Heart disease
„ 26	42, Hannah Street	M	70 years	Die maker	Aortic regurgitation
Feb. 17	88, Reather Street	M	58 years	Designer	Morbus cordis
May 26	19, Abercromby Street	M	12 years	F Lurryman	Mitral regurgitation
July 11	87, Ryder Street	F	41 years	Widow	Heart disease
„ 22	Nicholson Street	M	70 years	Labourer	Do.
Oct. 21	33, Richardson Street	M	70 years	Baker	Cardiac disease
„ 25	29, Whitley Street	F	69 years	Widow	Do.
Nov. 6	85, Osborne Street	F	50 years	H Plasterer	Disease of heart

Diseases of Kidneys

Oct. 20	9, Osborne Street	M	46 years	Gas stoker	Bright's disease

Diseases of Liver

Mar. 14	13, Richardson Street	F	63 years	Widow	Hepatitis
May 10	338, Rochdale Road	F	28 years	H Grocer	Cirrhosis of liver
„ 25	3, Victor Street	M	53 years	Striker	Cirrhosis
Sep. 18	381, Oldham Road	F	44 years	Widow	Hepatitis
Dec. 20	35, Hamilton Street	F	51 years	Widow	Hepatic disease

Diseases of Bowels

Feb. 15	19, Gaylor Street	M	44 years	Pensioner	Obstruction of intestines
Mar. 6	8, Crossley's Buildings	M	45 years	Carter	Peritonitis
June 21	6, Arnold Street	F	58 years	H Cabinet maker	Enteric fever
„ 21	361, Oldham Road	M	6 years	F Publican	Peritonitis
„ 29	4, Someret Place	F	10 years	F Labourer	Consumption of bowels
July 10	24, Osborne Street	F	45 years	H Policeman	Peritonitis
„ 20	43, Elizabeth Ann Street	M	50 years	Plumber	Abdominal aneurism
Oct. 1	117, Osborne Street	M	37 years	Slipper maker	Enteritis
Dec. 4	19, Junction Street	M	$3\frac{3}{4}$ years	F Publican	Obstruction of bowels

Hæmorrhage

Apl. 9	38, Elizabeth Ann Street	F	20 years	H Warehouseman	Hæmorrhage
Aug. 29	52, Teignmouth Street	F	32 years	H Bookbinder	Do.

Ovarian Disease

Apl. 24	361, Oldham Road	F	38 years	H Publican	Ovarian cyst

Rheumatism

June 7	45, Whitley Street	F	4 years	F Joiner	Rheumatism

Sanitary District No. 3—Causes of Death, 1880—continued

Dentition

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
June 9	55, Worsley Street	F	15 months	F Labourer	Dentition

Diabetes

July 6	40, Teignmouth Street	M	58 years	Joiner	Diabetes

Dropsy

July 31	8, Fielden Street	F	47 years	Hawker	Ascites

Tumours

Sep. 5	1, Laverack Street	M	22 years	Barman	Tumour of thigh

Erysipelas

Nov. 2	44, Worsley Street	F	59 years	Widow	Erysipelas

Diseases of Spine

Nov. 8	105, Abbott Street	M	13 years	F Slipper maker	Caries of vertebra

Blood Poisoning

Feb. 23	381, Oldham Road	M	53 years	Shoemaker	Anæmia

Ulcers

Mar. 12	135, Sudell Street	M	57 years	Tailor	Pereneal fistula

Excessive Drinking

Apl. 8	46, Richardson Street	F	37 years	H Sawyer	Delirium l'potu

Diseases of Throat

Oct. 19	5, Worsley Street	F	24 years	H Warehouseman	Exopthalmic goitre

Coroner's Inquests

Jan. 5	36, Whitley Street	M	73 years	Labourer	Natural causes
Mar. 1	14, Osborne Street	F	41 years	H Jeweller	Do.
,, 24	27, Worsley Street	M	1 year	F Porter	Scalds
,, 27	375, Oldham Road	F	3 months	F Agent	Suffocation
Apl. 28	1, Shelmerdine Street	M	59 years	Clerk	Natural causes
May 12	3, Twyford Street	M	66 years	Labourer	Accidental death
Sep. 10	39, Francisco Street	M	7 weeks	F Fish dealer	Convulsive fit
Nov. 18	60, Francisco Street	F	57 years	H Bricklayer	Natural causes
Dec. 13	78, Sudell Street	M	9 weeks	F Spinner	Convulsive fit

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes,* 8·73

Special Forms of Zymotic Diseases

Fever (typhus and typhoid)...	—	Whooping cough	4·37
Scarlet fever	3·27	Smallpox	—
Measles	1·09	Diphtheria	—

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	4·37	Diseases of heart	4·91
Diseases of lungs	37·68	Diseases of kidneys	·54
Pneumonia and acute bronchitis	27·32	Diseases of liver	2·73
Laryngitis	2·18	Diseases of brain	—
Chronic bronchitis	1·63	Diseases of bowels	4·91
Phthisis pulmonalis	5·46	Hæmorrhage	1·09
Infantile tuberculosis	1·09	Ovarian diseases	·54
Diseases of nervous system ...	8·73	Rheumatism	·54
Convulsions	4·91	Dentition	·54
Hydrocephalus	3·82	Diabetes	·54
Laryngismus stridulus	—	Dropsy	·54
Nervous exhaustion	—	Tumours	·54
Diseases of debility	11·47	Erysipelas	·54
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c....	11·47	Diseases of spine	·54
		Blood poisoning	·54
		Ulcers	·54
		Excessive drinking	·54
Apoplexy	1·09	Diseases of throat.....	·54
Premature births	2·18	Coroner's inquests	4·91

Proportion of Deaths per 1,000 *of population or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 1·81

Fevers (typhus and typhoid) ...	—	Whooping cough.....	·91
Scarlet fever	·68	Smallpox	—
Measles	·22	Diphtheria	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	·91
Diseases of lungs	7 89
Pneumonia and acute bronchitis	5·74
Laryngitis	·45
Chronic bronchitis	·34
Phthisis pulmonalis	1·14
Infantile tuberculosis	·22
Diseases of nervous system	1·83
Convulsions	1·03
Hydrocephalus	·80
Laryngismus stridulus	—
Nervous exhaustion	—
Disease of debility	2·41
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	2·41
Apoplexy	·22
Premature births	·45
Diseases of heart	1·03
Diseases of kidneys	·11
Diseases of liver	·57
Diseases of brain	—
Diseases of bowels	1·03
Hæmorrhage	·22
Ovarian disease	·11
Rheumatism	·11
Dentition	·11
Diabetes	·11
Dropsy	·11
Tumours	·11
Erysipelas	·11
Diseases of spine	·11
Blood poisoning	·11
Ulcers	·11
Excessive drinking	·11
Diseases of throat	·11
Coroner's inquest	1·03

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT NO. 4.

SCALE 7½ INCHES = 1/4 OF A MILE.

HOUSES BUILT SINCE 1870 .....
" " 1850 .....
" " 1830 .....
" BEFORE 1830 .....
CHURCHES, SCHOOLS, MILLS, &c. .....
PUBLIC HOUSES X

Richd. A. Baster

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 4

Boundaries

Rochdale Road	Lees Street
Oldham Road	Reather Street

Sanitary Sub-Districts included within No. 4 Sanitary District

Number 6 (part of)	Number 9
,, 7	,, 10
,, 8	,, 12 (part of)

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census of 1871.

No. 4 Sanitary District contains the following Streets, proceeding from Lees Street to Reather Street:—

Lees Street	Charles Street	Grattan Street
Smart's Court	Cipher Street	Edmund Court
Rochdale Road	Ely Place	No. 1 Court, Edmund St
Sudell Street	St. George Street	Corporation Terrace
Richardson's Court	Oldham Road	Chapman Square
Church Court No. 1	Glasshouse Street	Railway Street
Church Court No. 2	Roe Street	Livesey Place
William Street	Clegg Street	Rome Street
Moore Street	Stonehewer Street	Fortune Street
Lewis Street	Back Livesey Street	Bradley's Court
Little Pilling Street	Lodge's Court	Gledhill's Court
Pilling Street	Worthington's Court	Fortune Place
Court behind Pilling St.	Livesey Street	Chapman Street
Upper Lewis Street	Abbott Street	Division Street
Nelson Street	Juno Street	Platt Street
Nelson Place	Apollo Street	Wellington Street
Providence Street	Edmund Street	Slater Street
Sudell Passage	Samuel Street	Reather Street
Clowes Street	Mannion's Buildings	
New Allen Street	Tudor Street	

The Streets arranged according to their Width

	ft.	in.
Oldham Road	120	0
Samuel Street	49	0
Livesey Street	48	0
Rochdale Road	48	0
Chapman Street	36	0
Clowes Street	36	0
Reather Street	36	0
St. George Street	36	0
Sudell Street	35	9
Moore Street	35	8
Nelson Street	33	0
Corporation Terrace	32	6
New Allen Street	32	0
Tudor Street	30	6
Slater Street	30	0
Stonehewer Street	30	0
Wellington Street	30	0
Division Street	29	0
Edmund Street	29	0
Juno Street	29	0
Lees Street	27	9
Charles Street	27	0
Rome Street	27	0
Little Pilling Street	25	0
Lodge's Court	25	0
Nelson Place	25	0
Abbott Street	24	6
Fortune Place	24	3
Chapman Square	24	0
Clegg Street	24	0
Fortune Street	24	0
Glasshouse Street	24	0
Grattan Street	24	0
Lewis Street	24	0
Mannion's Buildings	24	0
Providence Street	24	0
Railway Street	24	0
Roe Street	24	0
Tudor Street	24	0
Upper Lewis Street	24	0
Apollo Street	23	11
Pilling Street	22	0
Platt Street	22	0
William Street	21	0
Cipher Street	18	0
Gledhill's Court	15	0
Livesey Place	13	0
Bradley's Court	12	6
Back Livesey Street	12	0
Ely Place	12	0
Richardson's Court	11	0
Church Court No. 2	9	9
Smart's Court	8	6
No. 1 Court, Edmund Street	8	2
Church Court No. 1	8	0
Worthington's Court	8	0
Edmund Court	7	2
Sudell Passage	6	0
Court behind Pilling Street	—	—

The Streets arranged Alphabetically

Abbott Street	Church Court No. 2	Edmund Street
Apollo Street	Cipher Street	Ely Place
Back Livesey Street	Clegg Street	Fortune Place
Bradley's Court	Clowes Street	Fortune Street
Chapman Square	Corporation Terrace	Glasshouse Street
Chapman Street	Court behind Pilling St.	Gledhill's Court
Charles Street	Divison Street	Grattan Street
Church Court No. 1	Edmund Court	Juno Street

Lees Street
Lewis Street
Little Pilling Street
Livesey Place
Livesey Street
Lodge's Court
Mannion's Buildings
Moore Street
Nelson Place
Nelson Street
New Allen Street
No. 1 Court, Edmund St.
Oldham Road
Pilling Street
Platt Street
Providence Street
Railway Street
Reather Street
Richardson's Court
Rochdale Road
Roe Street
Rome Street
Samuel Street
Slater Street
Smart's Court
St. George Street
Stonehewer Street
Sudell Passage
Sudell Street
Tudor Street
Upper Lewis Street
Wellington Street
William Street
Worthington's Court

Altitudes above the Sea Level

	ft.	in.
Bolt in east pier of Regent Road Bridge, near Water Street, 4ft. above the surface of the Irwell at this point	86	0
Mark on the wall of the Manchester Royal Infirmary (the mark is close to the flags)	149	9
The point of junction in the centre of Oldham Road and Lees Street	167	3
Opposite the end of St. George Street, in Oldham Road	170	6
Rochdale Road and Lees Street	171	5
Opposite the Nunnery Lodge in Livesey Street	175	0
Rochdale Road and Pilling Street	175	6
,, Nelson Street	176	0
,, Livesey Street	178	0
The point of junction in the centre of Oldham Road and Reather Street	181	0
The point of junction in the centre of Rochdale Road and Reather Street	183	0

The whole of No. 4 Sanitary district is a tolerably even plane, the highest point or corner being in the centre of Rochdale Road and Reather Street, and is 11ft. 7in. higher than the lowest point or corner of Oldham Road and Lees Street.

Sewers

By the map of the sewers of this district it will be observed that considerations other than the natural inclination of the surface have been taken into account; the altitudes would point to the junction of Oldham Road and Lees Street as the natural outflow for the district.

The natural fall of the land adjacent to the western side of this district, and the vicinity of the river Irk, suggests a shorter route and greater fall for the sewage, hence it is that the sewer in Livesey Street flows in an exactly contrary direction to that shown by the altitudes; it receives the flow from Abbott Street, Sudell Street, and New Allen Street, with all the tributary minor streets, and joins the Rochdale Road sewer, flowing from thence to the river Irk.

The natural inclination of Lees Street is towards Rochdale Road, the Rochdale Road end of Lees Street being 4ft. 2in. higher than at Oldham Road, yet the sewage of Lees Street flows from the lowest point at Oldham Road to Rochdale Road, crossing the lower Rochdale Road sewer, and falling eventually into the river Irk.

The main sewer running down Oldham Road does not absorb any great amount of sewage from this district.

Houses

The greater part of the houses in this district have been erected since 1830.

Most of the old houses which fronted Oldham Road have been taken down, and churches, schools, and business premises now occupy their sites.

The most unhealthy, and perhaps the oldest part of the district, is a long narrow block of streets bounded by Sudell Street, Sudell Passage, and Rochdale Road.

According to a map made by Mr. William Green in the year 1794 a footpath existed from the end of Lees Street, which took the route of Sudell Passage, dividing Mrs. Livesey's fields from those of Brazennose College, and leading to Collyhurst Hall. This will probably be the origin of the crooked and unsanitary Sudell Passage.

The width of the streets varies from 48ft. to 12ft., and the greater number of them are considerably narrower than is required by the bye-law of the Council of the city of Manchester, 1868, which requires a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two stories.

The yards of the houses are small, the passages are narrow, and in most cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered, and in good condition.

The streets enumerated within this district contain, according to actual counting, 1,139 houses (*Bastow*). The number contained in the Overseers' books for the year 1880-81 is 1,128 of which 31 are unoccupied, leaving 1,097 as inhabited houses.

Places of Worship

St. George's	Church of England
St. Patrick's	Roman Catholic
Livesey Street Chapel	Wesleyans
Reather Street Chapel	Methodist Free Church

Schools

St. George's	Church of England
St. Patrick's	Roman Catholic
Nunnery	Roman Catholic
Abbott Street	Board Schools

Public Institutions

Free Library	Livesey Street
St. Patrick's Clubroom	Chapman Street

Bank

Manchester and Salford	233, Oldham Road

Works

Railway Luggage Yard	
Smethurst, Heald Maker	Sudell Street
Sissons, Builder	Sudell Street
Thompson, Tool Maker	Livesey Street
Hamnett, Cotton Waste Maker	Glasshouse Street
Hartley's Soap Works	Glasshouse Street
C. H. Swallow, Lamp Wick Manufacturer	Charles Street
Adams & Co., Cable Mills	Charles Street
A. & C. Towers, Engineers	Charles Street
Barnes & Buckley, Engine Waste Makers	Roe Street
Burnell, Builder	Slater Street
Standring's Smallware Mills	Juno Street

Data

Population

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 4 Sanitary District contained, according to the Overseers' books for the current year, 1,097 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants	5,495
Multiplied by 4·95 the number will be	5,430
Multiplied by 4·82 the number will be	5,287
The mean of these three estimates is	5,404

Which will tolerably represent the population of the district.

Sanitary District No. 4

Mortality

From 26th December, 1879, to 24th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 140.

Death Rate

According to the population estimated by the average city rate of occupation, 140 deaths would give a rate per 1,000 of	25·47
According to the township rate of occupation	25·78
According to the registration sub-district rate	26·48
The mean of these three estimates of population	25·90

Details of Death, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 26	39, Abbott Street	M	2 years	F Porter	Scarlatina
,, 29	4, Juno Street	F	8 months	F Porter	Pertussis
,, 30	65, Livesey Street	F	14 years	F Undertaker	Bronchitis
,, 31	39, Abbott Street	M	6 years	F Porter	Scarlatina
,, 31	13, Fortune Street	M	2¾ years	F Case maker	Pertussis
1880					
Jan. 2	39, Abbott Street	F	10 months	F Porter	Bronchitis
,, 2	6, Lodge's Court	F	6 weeks	F Pot dealer	Convulsive fit
,, 4	163, Oldham Road	F	4 years	F Greengrocer	Pertussis
,, 9	2, Samuel Street	M	11 months	F Herbalist	Do.
,, 14	27, Reather Street	F	81 years	Silk winder	Old age
,, 15	57, Livesey Street	F	68 years	Widow	Natural causes
,, 19	62, Sudell Street	F	5 years	F Traveller	Pertussis
,, 20	57, Abbott Street	F	3½ years	F Mason	Croup
,, 22	14, Juno Street	M	3 months	F Grinder	Bronchitis
,, 23	Oldham Road	M	50 years	Railway porter	Natural causes
,, 24	75, Chapman Street	M	1½ years	F Potato dealer	Meningitis
,, 26	5, Sudell Street	M	51 years	Fowl dealer	Excessive drinking
,, 28	89, Livesey Street	M	63 years	Fruit salesman	Bronchitis
,, 29	29, Stonehewer Street	M	72 years	Traveller	Senile decay
Feb. 1	The Convent, Livesey Street	F	67 years	A nun	Pneumonia
,, 8	227, Oldham Road	F	1½ years	F Butcher	Acute bronchitis
,, 10	17, Richardson Street	F	6 months	F Porter	Rachitis—Diarrhœa
,, 11	89, Oldham Road	M	27 years	Publican's assistant	Epileptic convulsions
,, 11	30, Chapman Street	F	76 years	Widow	Bronchitis
,, 16	10, Corporation Terrace	F	29 years	H Labourer	Phthisis

Sanitary District No. 4—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Feb. 17	17, Reather Street	F	43 years	H Townsman	Chronic bronchitis
„ 24	11, Rome Street	F	7 months	F Blacksmith	Meningitis
„ 27	2, Tudor Street	M	1½ years	F Joiner	Pertussis
„ 28	118, Rochdale Road	F	70 years	H Stationer	Senile decay
Mar. 4	228, Rochdale Road	F	4 months	F Brickmaker	Bronchitis
„ 6	77, Livesey Street	M	4¼ years	F Fruiterer	Pertussis
„ 7	24, Livesey Street	F	54 years	H Collector	Bronchitis
„ 11	3, Fortune Place	F	4 months	F Waiter	Acute bronchitis
„ 12	60, Stonehewer Street	F	1¾ years	F Warehouseman	Pulmonary congestion
„ 12	24, Chapman Street	M	50 years	Shoe dealer	Phthisis
„ 13	112, Slater Street	M	30 years	Bookkeeper	Scarlet fever
„ 17	61, Slater Street	F	3 days	F Shopkeeper	Convulsions
„ 18	10, Corporation Terrace	M	14 months	F Labourer	Rachitis
„ 19	61, Reather Street	M	56 years	Engine fitter	Dementia seniliti
„ 20	45, Livesey Street	F	45 years	Widow	Nephritis
„ 20	60, Sudell Street	F	5 months	F Grocer	Pneumonia
„ 21	9, Division Street	M	1¾ years	F Policeman	Bronchitis
„ 21	30, Chapman Street	M	15 days	F Warehouseman	Convulsions
„ 21	71, Livesey Street	M	56 years	Tailor	Chronic Bright's disease
„ 25	23, Livesey Street	M	15 months	F Clerk	Pneumonia
„ 28	14, Slater Street	M	40 years	Warehouseman	Phthisis
„ 29	26, Chapman Street	F	5¼ years	F Toy maker	Croup
Apl. 2	112, Rochdale Road	M	18 months	F Fent dealer	Pertussis
„ 4	4, Chapman Street	F	9 years	F Mount maker	Croup
„ 6	6, Stonehewer Street	F	49 years	H Paper ruler	Morbus cordis
„ 6	15, Providence Street	M	56 years	Coal dealer	Chronic bronchitis
„ 6	109, Chapman Street	F	1¼ years	F Spinner	Bronchitis
„ 14	45, Abbott Street	M	64 years	Shoemaker	Disease of heart
„ 15	16, Lewis Street	F	20 years	Cotton weaver	Valve disease of heart
„ 16	120, Slater Street	F	2¼ years	F Lodge keeper	Meningitis
„ 18	5, Rome Street	F	8½ years	F Cotton operative	Typhus fever
„ 19	89, Slater Street	M	36 hours	F Mule spinner	Convulsions
„ 25	4, Lewis Street	M	1 year	F Labourer	Pertussis
„ 26	77, Slater Street	F	3 days	F Clothes dealer	Premature birth
„ 28	15, Providence Street	F	57 years	Widow	Hypertrophy of heart
„ 30	8, Clegg Street	F	45 years	H Porter	Phthisis
May 1	39, Sudell Street	M	54 years	Painter	Chronic alcoholism
„ 2	102, Rochdale Road	F	1½ years	F Broker	Febris rubra
„ 3	35, Livesey Street	M	51 years	Manufacturer	Disease of kidneys
„ 3	45, Stonehewer Street	F	1 year	F Tailor	Meningitis
„ 5	150, Slater Street	F	76 years	Widow	Bronchitis
„ 6	71, Sudell Street	F	48 years	H Shoemaker	Cancer uterus
„ 8	11, Tudor Street	F	20 years	Sewing machinist	Morbus cordis
„ 9	70, Slater Street	F	47 years	H Pot dealer	Disease of mitral valves
„ 9	3, Charles Street	M	5 months	F Spinner	Accidently suffocated
„ 10	21, Samuel Street	F	56 years	Widow	Bronchitis

Sanitary District No. 4—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
May 10	10, Platt Street	F	11 months	F Policeman	Pertussis
„ 15	298, Rochdale Road	F	1½ years	F Butcher	Congestion of lungs
„ 15	57, Stonehewer Street	F	2 hours	F Bookkeeper	Convulsions
„ 20	138, Slater Street	F	3 years	F Iron fitter	Croup
„ 24	7, Platt Street	M	5 months	F Labourer	Anæmia
„ 26	25 Apollo Street	M	1¼ years	F Townsman	Meningitis
„ 28	9, Little Pilling Street	M	2½ years	F Porter	Pneumonia
June 1	11, Roe Street	F	60 years	H Millwright	Typhus fever
„ 2	210, Rochdale Road	F	80 years	... Widow	Senile decay
„ 2	17, Fortune Street	F	17 months	F Undertaker	Marasmus
„ 4	58, Sudell Street	F	62 years	... Widow	Bronchitis
„ 8	123, Sudell Street	F	69 years	H Agent	Heart disease
„ 9	182, Rochdale Road	F	3 years	F Grocer	Tuberculosis
„ 10	7, Sudell Street	F	41 years	H Labourer	Pulmonary congestion
„ 11	10, Lees Street	F	8 months	F Joiner	Cyanche trachealis
„ 15	3, Fortune Street	F	4½ years	F Waiter	Croup
„ 19	47, Reather Street	F	19 years	F Labourer	Albuminuria
„ 23	4, Moore Street	F	70 years	H Shoemaker	Paralysis
„ 30	254, Rochdale Road	M	2 years	M Milliner	Pertussis
July 2	5, Division Street	F	2 months	F Cigar maker	Congenital syphilis
„ 6	98, Slater Street	F	6 months	F Lurryman	Capillary bronchitis
„ 6	5, Mannion's Buildings	M	1½ years	F Cabinet maker	Mesenterica
„ 7	54, Slater Street	F	13 years	F Pattern maker	Hepatic disease
„ 7	79, Sudell Street	F	1½ years	F Tailor	Congestion of lungs
„ 10	58, Sudell Street	M	41 years	... Glass blower	Paralysis
„ 11	28, Charles Street	M	1¾ years	F Engine driver	Tabes mesenterica
„ 20	53, Livesey Street	M	6 months	F Joiner	Diarrhœa
„ 22	19, Livesey Street	M	46 years	... Labourer	Chronic lead poisoning
„ 27	55, Sudell Street	F	45 years	H Traveller	Vesico vaginal fistula
Aug. 6	130, Rochdale Road	M	79 years	... Labourer	Senile decay
„ 10	116, Slater Street	M	52 years	... Beerseller	Heart disease
„ 10	129, Reather Street	M	6 months	F Salesman	Diarrhœa
„ 10	14, Goulden Street	M	14 months	F Butcher	Do.
„ 11	154, Rochdale Road	F	2¾ years	F Compositor	Do.
„ 13	2, Pilling Street	M	5 months	F Tailor	Do.
„ 14	18, Lees Street	F	18 months	F Scavenger	Do.
„ 16	27, Clegg Street	M	6 months	F Tailor	Do.
„ 18	7, Moore Street	F	2½ years	F Dyer	Scarlatina
„ 21	43, Abbott Street	M	1¼ years	F Shoemaker	Pneumonia
„ 27	105, Slater Street	F	14 months	F Iron moulder	Diarrhœa
„ 28	9, Railway Street	F	64 years	... Widow	Debility
Sep. 3	173, Oldham Road	F	72 years	... Widow	Umbelical hernia
„ 4	7, Worthington's Court	M	2½ years	F Warehouseman	Diarrhœa
„ 5	144, Rochdale Road	F	18 months	F Slipper maker	Pertussis
„ 11	52, Chapman Street	F	44 years	H Designer	Phthisis
„ 12	112, Slater Street	F	4 months	M Housemaid	Marasmus

Sanitary District No. 4—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Sep. 19	270, Rochdale Road	M	83 years	Draper	Chronic bronchitis
,, 24	188, Rochdale Road	F	43 years	H Butcher	Ascites
,, 27	4, Fielden Street	F	6 years	F Labourer	Meningitis
,, 28	7, Sudell Street	F	2 years	F Labourer	Diarrhœa
,, 30	1, Bradley's Court	M	1¾ years	F Warehouseman	Do.
Oct. 25	68, Stonehewer Street	F	27 years	Housekeeper	Phthisis
Nov. 2	121, Slater Street	M	54 years	Sign writer	Nephritis
,, 4	5, Nelson Street	M	1½ years	F Labourer	Pertussis
,, 6	1, Pilling's Court	F	30 years	H Labourer	Broncho-pneumonia
,, 9	9, Stonehewer Street	F	43 years	Widow	Phthisis
,, 9	8, Platt Street	M	5 weeks	F Railway guard	Enteritis
,, 10	51, Stonehewer Street	F	11 months	F Porter	Rubeola
,, 11	4, Rome Street	F	4 months	F Labourer	Bronchitis
,, 19	1, Edmund Street	F	12 days	F Labourer	Debility
,, 26	1, Samuel Street	M	68 years	Labourer	Senile decay
,, 26	7, Abbott Street	F	42 years	H Gasman	Natural causes
Dec. 4	6, Church Court	M	1¾ years	F Gasman	Tabes
,, 6	1, Samuel Street	F	68 years	Widow	Bronchitis
,, 6	1, Edmund Court	F	1 month	F Labourer	Marasmus
,, 11	41, Abbott Street	M	2¾ years	F Labourer	Dentition
,, 12	77, Sudell Street	M	2¼ years	F Overlooker	Bronchitis
,, 19	7, Juno Street	F	76 years	Widow	Phthisis
,, 24	6, Pilling Street	M	23 years	Blacking maker	Do.

Ages at Death

All under 1 year	31	
„ 2 years	57	
„ 3 „	68	
„ 4 „	71	
„ 5 „	73 =	73
All between 5 and 10 years, including the first term		7
„ 10 „ 20 „ „ „		3
„ 20 „ 30 „ „ „		6
„ 30 „ 40 „ „ „		2
„ 40 „ 50 „ „ „		15
„ 50 „ 60 „ „ „		13
„ 60 „ 70 „ „ „		10
„ 70 „ 80 „ „ „		8
„ 80 „ 90 „ „ „		3
Total deaths		140

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	22·14	Under 4 years	50·71
„ 2 years	40·71	„ 5 „	52·14
„ 3 „	48·57		
Between 5 and 10 years	5·00	Between 50 and 60 years	9·28
„ 10 „ 20 „	2·14	„ 60 „ 70 „	7·14
„ 20 „ 30 „	4·28	„ 70 „ 80 „	5·71
„ 30 „ 40 „	1·42	„ 80 „ 90 „	2·14
„ 40 „ 50 „	10·71		

Deaths per 1,000 *of the mean population* (5,404) *at different ages*

Under 1 year	5·73	Under 4 years	13·13
„ 2 years	10·54	„ 5 „	13·50
„ 3 „	12·58		
Between 5 and 10 years, including the first term	·129	Between 50 and 60 years, including the first term	2·40
„ 10 „ 20 „	·55	„ 60 „ 70 „	1·85
„ 20 „ 30 „	1·11	„ 70 „ 80 „	1·48
„ 30 „ 40 „	·37	„ 80 „ 90 „	·55
„ 40 „ 50 „	2·77		

SANITARY DISTRICT No. 4—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 26	39, Abbott Street	M	2 years F	Porter	Scarlatina
,, 31	39, Abbott Street	M	6 years F	Porter	Do.
1880					
Mar. 13	112, Slater Street	M	30 years	Bookkeeper	Scarlet fever
May 2	102, Rochdale Road	F	1½ years F	Broker	Febris rubra
Aug. 18	7, Moore Street	F	2½ years F	Dyer	Scarlatina

Typhus Fever

Apl. 18	5, Rome Street	F	8½ years F	Cotton operative	Typhus fever
June 1	11, Roe Street	F	60 years H	Millwright	Do.

Measles

Nov. 10	51, Stonehewer Street	F	11 months F	Porter	Rubeola

Whooping Cough

1879					
Dec. 29	4, Juno Street	F	8 months F	Porter	Pertussis
,, 31	13, Fortune Street	M	2¾ years F	Case maker	Do.
1880					
Jan. 4	163, Oldham Road	F	4 years F	Greengrocer	Do.
,, 9	2, Samuel Street	M	11 months F	Herbalist	Do.
,, 19	62, Sudell Street	F	5 years F	Traveller	Do.
Feb. 27	2, Tudor Street	M	1½ years F	Joiner	Do.
Mar. 6	77, Livesey Street	M	4¼ years F	Fruiterer	Do.
Apl. 2	112, Rochdale Road	M	18 months F	Fruit dealer	Do.
,, 25	4, Lewis Street	M	1 year F	Labourer	Do.
May 10	10, Platt Street	F	11 months F	Policeman	Do.
June 30	254, Rochdale Road	M	2 years M	Milliner	Do.
Sep. 5	144, Rochdale Road	F	18 months F	Slipper maker	Do.
Nov. 4	5, Nelson Street	M	1½ years F	Labourer	Do.

Diarrhœa

Feb. 10	17, Richardson Street	F	6 months F	Porter	Diarrhœa
July 20	53, Livesey Street	M	6 months F	Joiner	Do.
Aug. 10	129, Reather Street	M	6 months F	Salesman	Do.
,, 10	14, Goulden Street	M	14 months F	Butcher	Do.
,, 11	154, Rochdale Road	F	2¾ years F	Compositor	Do.
,, 13	2, Pilling Street	M	5 months F	Tailor	Do.
,, 14	18, Lees Street	F	18 months F	Scavenger	Do.
,, 16	27, Clegg Street	M	6 months F	Tailor	Do.
,, 27	105, Slater Street	F	14 months F	Iron moulder	Do.
Sep. 4	7, Worthington's Court	M	2½ years F	Warehouseman	Do.
,, 28	7, Sudell Street	F	2 years F	Labourer	Do.
,, 30	1, Bradley's Court	M	1¾ years F	Warehouseman	Do.

Sanitary District No. 4—Causes of Death, 1880—continued

Diseases of Lungs

Pneumonia and Acute Bronchitis

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 30	65, Livesey Street	F	14 years	F Undertaker	Bronchitis
1880					
Jan. 2	39, Abbott Street	F	10 months	F Porter	Do.
,, 22	14, Juno Street	M	3 months	F Grinder	Do.
,, 28	89, Livesey Street	M	63 years	Fruit salesman	Do.
Feb. 1	The Convent, Livesey Street	F	67 years	A nun	Pneumonia
,, 8	227, Oldham Road	F	1½ years	F Butcher	Bronchitis
,, 11	30, Chapman Street	F	76 years	Widow	Do.
Mar. 4	228, Rochdale Road	F	4 months	F Brickmaker	Do.
,, 7	24, Livesey Street	F	54 years	H Collector	Do.
,, 11	3, Fortune Place	F	4 months	F Waiter	Do.
,, 12	60, Stonehewer Street	F	1¾ years	F Warehouseman	Pulmonary congestion
,, 20	60, Sudell Street	F	5 months	F Grocer	Pneumonia
,, 21	9, Division Street	M	1¾ years	F Policeman	Bronchitis
,, 25	23, Livesey Street	M	15 months	F Clerk	Pneumonia
Apl. 6	109, Chapman Street	F	1¼ years	F Spinner	Bronchitis
May 5	150, Slater Street	F	76 years	Widow	Do.
,, 10	21, Samuel Street	F	56 years	Widow	Do.
,, 15	298, Rochdale Road	F	1½ years	F Butcher	Congestion of lungs
,, 28	9, Little Pilling Street	M	2½ years	F Porter	Pneumonia
June 4	58, Sudell Street	F	62 years	Widow	Bronchitis
,, 10	7, Sudell Street	F	41 years	H Labourer	Pulmonary congestion
July 6	98, Slater Street	F	6 months	F Lurryman	Bronchitis
,, 7	79, Sudell Street	F	1½ years	F Tailor	Congestion of lungs
Aug. 21	43, Abbott Street	M	1¼ years	F Shoemaker	Pneumonia
Nov. 6	1, Pilling's Court	F	30 years	H Labourer	Broncho-pneumonia
,, 11	4, Rome Street	F	4 months	F Labourer	Bronchitis
Dec. 6	1, Samuel Street	F	68 years	Widow	Do.
,, 12	77, Sudell Street	M	2¼ years	F Overlooker	Do.

Laryngitis

Jan. 20	57, Abbott Street	F	3½ years	F Mason	Croup
Mar. 29	26, Chapman Street	F	5¼ years	F Toy maker	Do.
Apl. 4	4, Chapman Street	F	9 years	F Mount maker	Do.
May 20	138, Slater Street	F	3 years	F Iron fitter	Do.
June 11	10, Lees Street	F	8 months	F Joiner	Cyanche trachealis
,, 15	3, Fortune Street	F	4½ years	F Waiter	Croup

Chronic Bronchitis

Feb. 17	17, Reather Street	F	43 years	H Townsman	Chronic bronchitis
Apl. 6	15, Providence Street	M	56 years	Coal dealer	Do.
Sep. 19	270, Rochdale Road	M	83 years	Draper	Do

Sanitary District No. 4—Causes of Death, 1880—continued

Phthisis Pulmonalis

Date 1880	Residence	Sex	Age		Occupation	Cause of Death
Feb. 16	10, Corporation Terrace	F	29 years	H	Labourer	Phthisis
Mar. 12	24, Chapman Street	M	50 years		Shoe dealer	Do.
,, 28	14, Slater Street	M	40 years		Warehouseman	Do.
Apl. 30	8, Clegg Street	F	45 years	H	Porter	Do.
Sep. 11	52, Chapman Street	F	44 years	H	Designer	Do.
Oct. 25	68, Stonehewer Street	F	27 years		Housekeeper	Do.
Nov. 9	9, Stonehewer Street	F	43 years		Widow	Do.
Dec. 19	7, Juno Street	F	76 years		Widow	Do.
,, 24	6, Pilling Street	M	23 years		Blacking maker	Do.

Infantile Tuberculosis

June 9	182, Rochdale Road	F	3 years	F	Grocer	Tuberculosis

Diseases of Nervous System

Convulsions, Hydrocephalus, Meningitis, &c.

Convulsions

Mar. 17	61, Slater Street	F	3 days	F	Shopkeeper	Convulsions
,, 21	30, Chapman Street	M	15 days	F	Warehouseman	Do.
Apl. 19	89, Slater Street	M	36 hours	F	Mule Spinner	Do.
May 15	57, Stonehewer Street	F	2 hours	F	Bookkeeper	Do.

Hydrocephalus

Jan. 24	75, Chapman Street	M	1½ years	F	Potatoe dealer	Meningitis
Feb. 24	11, Rome Street	F	7 months	F	Blacksmith	Do.
Apl. 16	120, Slater Street	F	2¼ years	F	Lodge keeper	Do.
May 3	45, Stonehewer Street	F	1 year	F	Tailor	Do.
,, 26	25, Apollo Street	M	1¼ years	F	Townsman	Do.
Sep. 27	4, Fielden Street	F	6 years	F	Labourer	Do.

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Jan. 14	27, Reather Street	F	81 years		Silk winder	Old age
,, 29	29, Stonehewer Street	M	72 years		Traveller	Senile decay
Feb. 28	118, Rochdale Road	F	70 years	H	Stationer	Do.
May 24	7, Platt Street	M	5 months	F	Labourer	Anæmia
June 2	210, Rochdale Road	F	80 years		Widow	Senile decay
,, 2	17, Fortune Street	F	17 months	F	Undertaker	Marasmus

Sanitary District No. 4—Causes of Death, 1880—continued

Diseases of Debility—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
July 6	5, Mannion's Buildings	M	1½ years	F Cabinet maker	Mesenterica
,, 11	28, Charles Street	M	1¾ years	F Engine driver	Tabes mesenterica
Aug. 6	130, Rochdale Road	M	79 years	Labourer	Senile decay
,, 28	9, Railway Street	F	64 years	Widow	Debility
Sep. 12	112, Slater Street	F	4 months	M Housemaid	Marasmus
Nov. 19	1, Edmund Street	F	12 days	F Labourer	Debility
,, 26	1, Samuel Street	M	68 years	Labourer	Senile decay
Dec. 4	6, Church Court	M	1¾ years	F Gasman	Tabes
,, 6	1, Edmund Court	F	1 month	F Labourer	Marasmus

Premature Birth

Apl. 26	77, Slater Street	F	3 days	F Clothes dealer	Premature birth

Diseases of Heart

Apl. 6	6, Stonehewer Street	F	49 years	H Paper ruler	Morbus cordis
,, 14	45, Abbott Street	M	64 years	Shoemaker	Disease of heart
,, 15	16, Lewis Street	F	20 years	Cotton weaver	Do.
,, 28	15, Providence Street	F	57 years	Widow	Hypertrophy of heart
May 8	11, Tudor Street	F	20 years	Sewing machinist	Morbus cordis
,, 9	70, Slater Street	F	47 years	H Pot dealer	Disease of mitral valves
June 8	123, Sudell Street	F	69 years	H Agent	Heart disease
Aug. 10	116, Slater Street	M	52 years	Beerseller	Do.

Diseases of Kidneys

Mar. 20	45, Livesey Street	F	45 years	Widow	Nephritis
,, 21	71, Livesey Street	M	56 years	Tailor	Bright's disease
May 3	35, Livesey Street	M	51 years	Manufacturer	Disease of kidneys
June 19	47, Reather Street	F	19 years	F Labourer	Albuminuria
Nov. 2	121, Slater Street	M	54 years	Sign writer	Nephritis

Diseases of Liver

July 7	54, Slater Street	F	13 years	F Pattern maker	Hepatic disease

Inflammation of Bowels

Nov. 9	8, Platt Street	M	5 weeks	F Railway guard	Enteritis

Cancerous Diseases

May 6	71, Sudell Street	F	48 years	H Shoemaker	Cancer uterus

Sanitary District No. 4—Causes of Death, 1880—continued

Paralysis

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
June 23	4, Moore Street	F	70 years	H Shoemaker	Paralysis
July 10	58, Sudell Street	M	41 years	Glass blower	Do.

Infantile Syphilis

July 2	5, Division Street	F	2 months	F Cigar maker	Congenital syphilis

Dropsy

Sep. 24	188, Rochdale Road	F	43 years	H Butcher	Ascites

Dentition

Dec. 11	41, Abbott Street	M	$2\frac{3}{4}$ years	F Labourer	Dentition

Inflammation of Spine

Mar. 18	10, Corporation Terrace	M	14 months	F Labourer	Rachitis

Lead Poisoning

July 22	19, Livesey Street	M	46 years	Labourer	Lead poisoning

Ulcers

July 27	55, Sudell Street	F	45 years	H Traveller	Vesico vaginal fistula

Rupture

Sep. 3	173, Oldham Road	F	72 years	Widow	Umbelical hernia

Excessive Drinking

Feb. 11	89, Oldham Road	M	27 years	Publican's assistant	Epileptic convulsions
May 1	39, Sudell Street	M	54 years	Painter	Chronic alcholism

Softening of Brain

Mar. 19	61, Reather Street	M	56 years	Engine fitter	Dementia seniliti

Coroner's Inquests

Jan. 2	6, Lodge's Court	F	6 weeks	F Pot dealer	Convulsive fit
„ 15	57, Livesey Street	F	68 years	Widow	Natural causes
„ 23	Oldham Road	M	50 years	Railway porter	Do.
„ 26	5, Sudell Street	M	51 years	Fowl dealer	Excessive drinking
May 9	3, Charles Street	M	5 months	F Spinner	Accidentally suffocated
Nov. 26	7, Abbott Street	F	42 years	H Gasman	Natural causes

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes*, 14·98

Special Forms of Zymotic Disease

Fever (typhus and typhoid)...	1·42	Whooping cough	9·28
Scarlet fever	3·57	Smallpox	—
Measles	·71	Diphtheria	—

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	8·57	Apoplexy	—
Diseases of lungs	33·55	Diseases of heart	5·71
Pneumonia and acute bronchitis	20·00	Diseases of kidneys	3·57
Laryngitis	4·28	Diseases of liver	·71
Chronic bronchitis.....	2·14	Inflammation of bowels	·71
Phthisis pulmonalis	6·42	Cancerous diseases	·71
Infantile tuberculosis	·71	Paralysis	1·42
Diseases of nervous system ...	7·13	Infantile syphilis	·71
Convulsions	2·85	Dropsy	·71
Hydrocephalus	4·28	Dentition	·71
Laryngismus stridulus	—	Inflammation of spine	·71
Nervous exhaustion	—	Lead poisoning.....	·71
Diseases of debility	10·71	Ulcers	·71
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c....	10·71	Rupture.....	·71
Premature birth	·71	Excessive drinking	1·42
		Softening of brain	·71
		Coroner's inquests.....	4·28

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 3·87

Fever (typhus and typhoid)...	·37	Whooping cough	2·40
Scarlet fever	·92	Smallpox	—
Measles	·18	Diphtheria.....	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	2·22
Diseases of lungs	8·68
Pneumonia and acute bronchitis	5·18
Laryngitis	1·11
Chronic bronchitis	·55
Phthisis pulmonalis	1·66
Infantile tuberculosis	·18
Diseases of nervous system	1·85
Convulsions	·74
Hydrocephalus	1·11
Laryngismus stridulus	—
Nervous exhaustion	—
Diseases of debility	2·77
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	2·77
Apoplexy	—
Premature birth	·18
Diseases of heart	1·48
Diseases of kidneys	·92
Diseases of liver	·18
Inflammation of bowels	·18
Cancerous diseases	·18
Paralysis	·37
Infantile syphilis	·18
Dropsy	·18
Dentition	·18
Inflammation of spine	·18
Lead poisoning	·18
Ulcers	·18
Ruptures	·18
Excessive drinking	·37
Softening of brain	·18
Coroner's inquests	1·11

REGISTRATION SUB-DISTRICT
ST GEORGE'S.
SANITARY DISTRICT No. 5.

SCALE 7½ INCHES = ¼ OF A MILE.

HOUSES BUILT SINCE 1830 .....

,, BEFORE 1830 .....

CHURCHES, SCHOOLS, MILLS, &c. .....

Richa A. Bastl

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 5

Boundaries

Swan Street	Oldham Road
Rochdale Road	Lees Street

Sanitary Sub-Districts included within No. 5 Sanitary District

Number 1	Number 4
,, 2	,, 5
,, 3	,, 6

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 5 Sanitary District contains the following Streets, proceeding from Swan Street to Lees Street:—

Swan Street
Oldham Road
Cable Street
Edge Court
Diggle's Court
Chadderton Street
Wolstencroft's Court
Cross Street
Mason Street
No. 1 Court, Cable Street
No. 2 Court, Cable Street
No. 3 Court, Cable Street
Addington Street
Hatter Street
Hatters' Court, Marshall Street
Marshall's Court
Smart's Buildings
Marshall Street
Court in Marshall Street
Waller's Court
Huddleston's Court
Goulden's Court
Goulden Street
Hatters' Court, Hatters' Street
Hampson's Court
Wellington Place
Pearson's Court
Brass Court
Robert's Court
Goulden's Court, Goulden Street
Bennett Street
No. 1 Court, Bennett St.
No. 2 Court, Bennett St.
Lyon's Court
Stewart Square
Newton's Buildings
Newton's Court
Hampson's Yard
Hanmer's Court
Rochdale Road
Thompson Street
M'Gill's Court
Back Thompson Street
Andrew's Court
Foundry Street
Richardson's Court
Back Foundry Street
Passage, Foundry Street
Cheetham Street
Thompson's Court
Pump Street
Back Holgate Street
Lees Street

The Streets arranged according to their Width

	ft.	in.
Oldham Road	120	2
Swan Street	58	4
Rochdale Road	45	6
Bennett Street	36	4
Goulden Street	36	0
Cross Street	35	10
Mason Street	35	10
Addington Street	35	9
Marshall Street	35	9
Chadderton Street	35	6
Cable Street	35	2
Thompson Street	31	5
Andrew's Court	31	3
Pump Street	29	10
Waller's Court	29	10
Foundry Street	29	9
Cheetham Street	29	5
Lees Street	28	4
Lyon's Court	25	0
Pump Street	24	10
Foundry Street	24	0
Back Holgate Street	21	4
Hatters' Court, Marshall St.	18	0
Stewart Square	17	8
Thompson's Court	17	8
Back Thompson Street	17	7
Hampson's Yard	16	8
Newton's Court	16	4
Hatter Street	16	2
Newton's Buildings	14	8
Back Foundry Street	14	5
Foundry Street	14	0
Goulden's Court, Goulden St.	14	0
Pearson's Court	13	0
Wellington Place	13	0
Hatters' Court, Hatter St.	12	4
Wolstencroft's Court	12	2
No. 1 Court, Cable Street	12	0
No. 2 Court, Cable Street	12	0
Goulden's Court	12	0
Huddleston's Court	12	0
Diggles Court	11	9
Marshall's Court	11	4
Hanmer's Court	10	8
Smart's Buildings	10	8
Hampson's Court	10	2
Robert's Court	10	0
No. 2 Court, Bennett St.	9	10
No. 3 Court, Cable Street	9	10
M'Gill's Court	9	0
Edge Court	8	10
Robert's Court	8	6
Brass Court	7	0
Richardson's Court	6	4
Court in Marshall Street— no name	5	7
No. 1 Court, Bennett Street	5	2
Passage, Foundry Street	2	7

The Streets arranged Alphabetically

Addington Street
Andrew's Court
Back Foundry Street
Back Holgate Street
Back Thompson Street
Bennett Street
Brass Court
Cable Street
Chadderton Street
Cheetham Street
Court in Marshall Street
Cross Street
Diggles Court
Edge Court
Foundry Street
Goulden Street
Goulden's Court, Goulden Street
Goulden's Court
Hampson's Court
Hampson's Yard
Hanmer's Court
Hatters' Court, Hatter St.

Hatters' Court, Marshall Street
Hatter Street
Huddleston's Court
Lees Street
Lyon's Court
M'Gill's Court
Marshall Street
Marshall's Court
Mason Street
Newton's Buildings
Newton's Court
No. 1 Court, Bennett St.
No. 2 Court, Bennett St.
No. 1 Court, Cable Street
No. 2 Court, Cable Street
No. 3 Court, Cable Street
Oldham Road
Passage, Foundry Street
Pearson's Court
Pump Street
Richardson's Court
Rochdale Road
Robert's Court
Smart's Buildings
Stewart Square
Swan Street
Thompson Street
Thompson's Court
Waller's Court
Wellington Place
Wolstencroft's Court

Altitudes above the Sea Level

				ft.	in.
Bolt-mark in	Rochdale Road,	corner of	Swan Street	161	5
,,	Swan Street,	opposite	Oak Street	162	9
,,	Rochdale Road,	corner of	Addington Street	163	5
,,	,,	,,	Cable Street	163	9
,,	Swan Street	,,	Mason Street	165	0
,,	Oldham Road	,,	Goulden Street	165	1
,,	Rochdale Road	,,	Addington Street	165	7
,,	Oldham Road	,,	Thompson Street	166	0
,,	Addington Street	,,	Cross Street	166	1
,,	Goulden Street	,,	Chadderton Street	166	4
,,	Rochdale Road	,,	Marshall Street	167	0
,,	Lees Street	,,	Oldham Road	167	3
,,	Addington Street	,,	Mason Street	167	5
,,	Thompson Street	,,	Chadderton Street	168	0
,,	Lees Street	,,	Back Thompson St.	168	1
,,	Goulden Street	,,	Cross Street	168	1
,,	,,	,,	Mason Street	168	9
,,	Lees Street	,,	Cheetham Street	169	1
,,	Rochdale Road	,,	Bennett Street	170	1
,,	Mason Street	,,	Foundry Street	170	4
,,	,,	,,	Thompson Street	170	4
,,	Lees Street	,,	Mason Street	170	5
,,	Rochdale Road,	corner of	Thompson Street	171	5
,,	,,	,,	Lees Street	171	5

Sewers

The general slope of the district is towards the corner of Swan Street and Shudehill, consequently the sewerage flows to this point, and down Miller Street to the river Irk. The principal sewer of the district flows along Swan

Street, receiving the flow of Oldham Road sewer and of Rochdale Road sewer; it also receives the flow of Cross Street sewer, with its tributaries from Cable Street, Addington Street, Marshall Street, Goulden Street, Bennett Street, and Thompson Street. The Lees Street sewer receives tributaries from Pump Street and Foundry Street, crosses over Rochdale Road, and passes down Gould Street to the river Irk.

The Swan Street sewer is 25ft. 8in. deep at New Cross, and 37ft. deep at the corner of Shudehill and Rochdale Road, and its most extreme tributary is 12ft. deep. The Lees Street sewer is 10ft. deep at its extreme tributary, and 30ft. deep as it enters Gould Street; the district has therefore ample sewer fall, and presents favourable conditions for drainage.

Houses

Nearly all the houses in this district were built before 1830, and the greatest number of the houses are back to back.

The width of the streets ranges from 120ft. to 5ft. 2in. A few of the streets are over 30ft. wide; but there are a number of narrow streets, the houses in them having no yards.

The passages are narrow and where yards exist they are small, the space between the backs of the houses being insufficient.

With the exception of Andrew's Court and Back Foundry Street which are unpaved, and No. 1 Court, Cable Street, where the sewer is out of order, the whole of the streets are in good condition. The houses are mostly without cellars (except in the principal streets) and have no ventilating spaces under the floors. They rise directly from the ground and are damp.

The streets enumerated within this district contain, according to actual counting, 880 houses (*Bastow*). The number contained in the Overseers' books for the year 1880–81 was 903, of which 74 was unoccupied, leaving 829 as inhabited houses.

Places of Worship

St. Joseph's Catholic Church .....Hatter Street
St. Paul's, Church of England .....Oldham Road

Schools

St. Joseph's Day School .....Hatter Street
St. Paul's Day and Sunday Schools.....Bennett Street
Lancasterian Day School .....Chadderton Street

Public Institutions

Police Station (B Division) and Fire Station .....Goulden Street

Warehouses

Shenton & Gilbert, Boot and Shoe Warehouse ...Cable Street
John Boyd & Co., General Goods Warehouse .....Mason Street
T. Marsden, Wholesale Bedding Warehouse.....Chadderton Street
Howlison, Andrews, & Ferguson, Hat and Cap Manufacturers .....Pump Street

Works

J. H. Brooke, Cigar Manufactory .....Cable Street
Executors of Wm. Hargraves, Cigar Manufactory...Mason Street
J. & T. Guerin, Metal Merchants.....Addington Street
Parker & Co., Calico Printers .....Hatter Street
John Bradsley & Son, Calenderers .....Addington Street
Francis Carroll & Co., Tinplate Workers.....Goulden Street
W. Robinson, Victoria Rag Mill .....Foundry Street
J. & G Beaumont, Rag Merchants .....Cheetham Street
R. Pattison, Waste Warehouse .....Back Thompson Street
William Brown & Co., Soap Works .....Oldham Road

Data Population

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was..... 5·01
For the township of Manchester ..... 4·95
For the registration sub-district of St. George's ..... 4·82
As No. 5 Sanitary District contained, according to the Overseers' books for the current year, 829 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants 4,153
Multiplied by 4·95 the number will be 4,103
Multiplied by 4·82 the number will be 3,995
The mean of these three estimates is 4,083

Which will tolerably represent the population of the district.

A considerable part of the population are wholesale cabinet makers; there are also a number of the inhabitants in the numerous cotton waste warehouses in the district.

Sanitary District No. 5

Mortality

From 28th December, 1879, to 17th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 97.

Death Rate

According to the population estimated by the average city rate of occupation 97 deaths would give a rate per 1,000 of	23·35
According to the township rate of occupation	23·64
According to the registration sub-district rate	24·28
The mean of these three estimates of population	23·75

Details of Death, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 28	36, Cable Street	M	45 years	Porter	Phthisis
„ 30	27, Foundry Street	F	10 months	Grinder	Catarrhal pneumonia
1880					
Jan. 11	86, Foundry Street	M	2 years	Tailor	Rubeola
„ 12	31, Cross Street	F	41 years	Printer	Phthisis
„ 13	38, Cable Street	M	5 months	Blacksmith	Congestion of brain
„ 15	31, Addington Street	M	42 years	Labourer	Bronchitis
„ 16	6, Waller's Court	M	5 years	Labourer	Phthisis
„ 19	6, Waller's Court	F	3 years	Labourer	Pertussis
„ 21	71, Thompson Street	F	1 year	Slipper maker	Marasmus
„ 21	30, Bennett Street	F	4 years	Tailor	Asthenic bronchitis
„ 23	25, Marshall Street	M	59 years	Jeweller	Cerebral effusion
„ 27	31, Mason Street	M	51 years	Ostler	Phthisis
„ 29	4, Goulden Street	M	2 months	Labourer	Bronchitis
„ 30	12, Lyon's Court	M	2 years	Porter	Scalds (accidental)
„ 31	55, Oldham Road	F	69 years	Widow	Bronchitis
Feb. 1	Goulden Street	F	5 days	Policeman	Spina bifida
„ 13	Goulden Street	M	47 years	Police inspector	Heart disease
„ 25	48, Thompson Street	M	1½ years	Hatter	Bronchitis
„ 27	Goulden Street	M	2 days	Fireman	Cyanosis
„ 28	27, Lees Street	M	11½ months	Printer	Bronchitis
Mar. 2	89, Foundry Street	F	22 years	Cardroom hand	Poisoned herself
„ 3	6, Back Holgate Street	M	59 years	Labourer	Bronchitis
„ 9	3, Hatters' Court	M	11 months	Brush maker	Marasmus
„ 14	55, Cross Street	F	23 years	Cotton winder	Phthisis
„ 14	13, Newton's Court	M	29 years	Office clerk	Albuminuria
„ 20	72, Bennett Street	F	2½ years	Grinder	Atrophy

SANITARY DISTRICT No. 5—DETAILS OF DEATH, 1880—continued

DATE	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
1881					
Mar. 22	66, Addington Street	F	55 years	Hawker	Natural causes
,, 25	8, Thompson's Court	M	42 years	Labourer	Bronchitis
,, 25	2 Court, Cable Street	M	45 years	Labourer	Do.
,, 28	52, Foundry Street	F	13 months	Porter	Pneumonia
,, 28	15, Diggles Court	M	1 week	Turner	Spina bifida
,, 31	16, Newton's Court	M	13 days	Labourer	Convulsions
Apl. 4	61, Bennett Street	F	7 years	Porter	Congestion of lungs
,, 9	2, Bennett Street	M	13 months	Labourer	Pertussis
,, 11	2 Court, Bennett Street	M	6 months	Whitesmith	Bronchitis
,, 11	2, Huddleston's Court	F	1 year	Hawker	Died in a fit
,, 11	68, Foundry Street	F	8 weeks	Brass moulder	Marasmus
,, 12	20, Thompson Street	F	62 years	Widow	Bronchitis
,, 15	17, Richardson's Court	F	6 years	Fish dealer	Do.
,, 18	58, Foundry Street	M	3 months	Fender maker	Marasmus
,, 27	38, Foundry Street	F	21 years	Cotton piecer	Consumption
,, 28	54, Rochdale Road	F	14 weeks	Pork butcher	Premature birth
May 1	73, Addington Street	M	10 years	Tailor	Valvular disease of heart
,, 2	53, Pump Street	M	14 months	Mule spinner	Encephalitis
,, 9	12, Stewart Square	M	6 weeks	Musician	Diarrhœa
,, 9	37, Foundry Street	M	17 years	Tailor	Phthisis
,, 17	25, Cable Street	F	1 month	Fish dealer	Convulsions
,, 17	1, Wellington Place	F	7 years	Shoemaker	Bronchitis
,, 18	5, Woolley's Court	F	58 years	Cotton picker	Do.
,, 20	19, Marshall Street	F	3 years	Iron fitter	Croup
,, 24	3, Goulden Street	M	26 years	Porter	Phthisis
,, 28	70, Marshall Street	F	62 years	Widow	Broncho-pneumonia
,, 30	71, Marshall Street	F	5½ years	Hair dresser	Scarlatina
June 3	12, Back Holgate Street	F	54 years	Tailor	Nephritis
,, 9	74, Pump Street	F	65 years	Widow	Chronic bronchitis
,, 10	59, Marshall Street	M	20 years	Porter	Bronchitis
,, 16	11, Stewart Square	F	6 weeks	Traveller	Syphilis-bronchitis
,, 25	41, Thompson Street	M	1½ years	Warehouseman	Pertussis
,, 28	54, Goulden Street	F	2¼ years	Painter	Marasmus
July 7	37, Pump Street	F	44 years	Saleswoman	Bronchitis
,, 21	77, Lees Street	M	46 years	Porter	Do.
,, 24	2, Hatters' Court	F	71 years	Rag dealer	Senile decay
,, 25	29, Cross Street	F	14 years	Shoemaker	Phthisis
,, 26	35, Marshall Street	M	8 months	Greengrocer	Diarrhœa
,, 27	40, Bennett Street	M	61 years	Clothes dealer	Cancer of tongue
Aug. 3	16, Marshall Street	M	4 months	Greengrocer	Diarrhœa
,, 8	92, Pump Street	F	63 years	Widow	Bronchitis
,, 25	11, Lyon's Court	M	2 weeks	Agent	Convulsions
,, 26	85, Oldham Road	F	56 years	Porter	Aortic disease
,, 27	5, Cable Street	M	54 years	Labourer	Phthisis
Sep. 10	40, Pump Street	M	1½ years	Glass maker	Diarrhœa
,, 14	12, Addington Street	M	80 years	Labourer	Abscess of scrotum

Sanitary District No. 5—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Sep. 17	75, Oldham Road	F	3 months	F Publican	Atrophy
„ 18	Goulden Street	F	2½ years	F Fireman	Dentition
„ 18	16, Diggles Court	F	64 years	H Scavenger	Bronchitis
„ 22	11, Lyon's Court	F	1¾ years	F Clothes dealer	Diarrhœa
„ 28	36, Marshall Street	F	4 months	F Fruit salesman	Tabes
Oct. 2	30, Bennett Street	M	4 months	F Tailor	Convulsive fit
„ 2	Robert's Yard	F	1¾ years	F Tinman	Dentition
„ 5	30, Thompson Street	M	30 years	Musician	Peritonitis
„ 7	49, Thompson Street	M	3 months	F Porter	Croup
„ 9	58, Goulden Street	F	44 years	H Fish curer	Natural causes
„ 20	6, Smart's Court	M	5 days	F Labourer	Convulsive fit
„ 29	57, Goulden Street	M	2 years	F Slipper maker	Diarrhœa
Nov. 1	57, Goulden Street	F	3½ years	F Slipper maker	Pertussis
„ 2	28, Pump Street	F	4 months	F Porter	Pneumonia
„ 11	73, Marshall Street	M	10 days	F Carter	Marasmus
„ 15	14, Back Holgate Street	F	2 days	F Turner	Convulsive fit
„ 17	5, Goulden Street	F	57 years	H Shoemaker	Bronchitis
„ 21	88, Thompson Street	F	3 months	F Labourer	Pneumonia
Dec. 2	1, Goulden Street	F	73 years	H Traveller	Serous apoplexy
„ 4	13, Woolley's Court	M	12 years	F Fustian finisher	Peritonitis
„ 5	40, Pump Street	F	34 years	H Glass maker	Heart disease
„ 6	5, Back Foundry Street	M	7 months	Paper ruler	Marasmus
„ 6	40, Pump Street	F	1 day	F Glass maker	Natural causes
„ 11	10, Mason Street	M	2 years	F Cigar dealer	Pertussis
„ 17	46, Thompson Street	F	44 years	H Labourer	Nephritis

Ages at Death

All under 1 year	29	
„ 2 years	39	
„ 3 „	46	
„ 4 „	49	
„ 5 „	50	= 50
All between 5 and 10 years, including first term		6
„ 10 „ 20 „ „ „		4
„ 20 „ 30 „ „ „		6
„ 30 „ 40 „ „ „		2
„ 40 „ 50 „ „ „		10
„ 50 „ 60 „ „ „		9
„ 60 „ 70 „ „ „		7
„ 70 „ 80 „ „ „		2
„ 80 „ 90 „ „ „		1
Total deaths		97

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	29·89	Under 4 years	50·51
„ 2 years	40·20	„ 5 „	51·54
„ 3 „	47·42		
Between 5 and 10 years	6·18	Between 50 and 60 years	9·27
„ 10 „ 20 „	4·12	„ 60 „ 70 „	7·21
„ 20 „ 30 „	6·18	„ 70 „ 80 „	2·06
„ 30 „ 40 „	2·06	„ 80 „ 90 „	1·03
„ 40 „ 50 „	10·30		

Deaths per 1,000 *of the mean population* (4,083) *at different ages*

Under 1 year	7·10	Under 4 years	12·00
„ 2 years	9·55	„ 5 „	12·24
„ 3 „	11·26		
Between 5 and 10 years, including the first term	1·46	Between 50 and 60 years, including the first term	2·20
„ 10 „ 20 „	·97	„ 60 „ 70 „	1·71
„ 20 „ 30 „	1·46	„ 70 „ 80 „	·48
„ 30 „ 40 „	·48	„ 80 „ 90 „	·24
„ 40 „ 50 „	2·44		

SANITARY DISTRICT No. 5—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
May 30	71, Marshall Street	F	5½ years	F Hair dresser	Scarlatina

Typhus and Typhoid Fever

None

Measles

Jan. 11	86, Foundry Street	M	2 years	F Tailor	Rubeola

Whooping Cough

Jan. 19	6, Waller's Court	F	3 years	F Labourer	Pertussis
Apl. 9	2, Bennett Street	M	13 months	F Labourer	Do.
June 25	41, Thompson Street	M	1½ years	F Warehouseman	Do.
Nov. 1	57, Goulden Street	F	3½ years	F Slipper maker	Do.
Dec. 11	10, Mason Street	M	2 years	F Cigar dealer	Do.

Diphtheria

None

Diarrhœa

May 9	12, Stewart Square	M	6 weeks	F Musician	Diarrhœa
July 26	35, Marshall Street	M	8 months	F Greengrocer	Do.
Aug. 3	16, Marshall Street	M	4 months	F Greengrocer	Do.
Sep. 10	40, Pump Street	M	1½ years	F Glass maker	Do.
„ 22	11, Lyon's Court	F	1¾ years	Clothes dealer	Do.
Oct. 29	57, Goulden Street	F	2 years	F Slipper maker	Do.

Diseases of Lungs

Pneumonia and Acute Bronchitis

1879					
Dec. 30	27, Foundry Street	F	10 months	F Grinder	Catarrhal pneumonia
1880					
Jan. 15	31, Addington Street	M	42 years	Labourer	Bronchitis
„ 21	30, Bennett Street	F	4 years	F Tailor	Do.
„ 29	4, Goulden Street	M	2 months	F Labourer	Do.
„ 31	55, Oldham Road	F	69 years	Widow	Do.

Sanitary District No. 5—Causes of Death, 1880—continued

Pneumonia and Acute Bronchitis—continued

Date	Residence	Sex	Age		Occupation	Cause of Death
1880						
Feb. 25	48, Thompson Street	M	1½ years	F	Hatter	Bronchitis
„ 28	27, Lees Street	M	11½ months	F	Printer	Do.
Mar. 3	6, Back Holgate Street	M	59 years		Labourer	Do.
„ 25	8, Thompson's Court	M	42 years		Labourer	Do.
„ 25	2 Court, Cable Street	M	45 years		Labourer	Do.
„ 28	52, Foundry Street	F	13 months	F	Porter	Pneumonia
Apl. 4	61, Bennett Street	F	7 years	F	Porter	Congestion of lungs
„ 11	2 Court, Bennett Street	M	6 months	F	Whitesmith	Bronchitis
„ 12	20, Thompson Street	F	62 years		Widow	Do.
„ 15	17, Richardson's Court	F	6 years	F	Fish dealer	Do.
May 17	1, Wellington Place	F	7 years	F	Shoemaker	Do.
„ 18	5, Woolley's Court	F	58 years		Cotton picker	Do.
„ 28	70, Marshall Street	F	62 years		Widow	Broncho-pneumonia
June 10	59, Marshall Street	M	20 years		Porter	Bronchitis
July 7	37, Pump Street	F	44 years		Saleswoman	Do.
„ 21	77, Lees Street	M	46 years		Porter	Do.
Aug. 8	92, Pump Street	F	63 years		Widow	Do.
Sep. 18	16, Diggles Court	F	64 years	H	Scavenger	Do.
Nov. 2	28, Pump Street	F	4 months	F	Porter	Pneumonia
„ 17	5, Goulden Street	F	57 years	H	Shoemaker	Bronchitis
„ 21	88, Thompson Street	F	3 months	F	Labourer	Pneumonia

Laryngitis

May 20	19, Marshall Street	F	3 years	F	Iron fitter	Croup
Oct. 7	49, Thompson Street	M	3 months	F	Porter	Do.

Chronic Bronchitis

June 9	74, Pump Street	F	65 years		Widow	Chronic bronchitis

Phthisis Pulmonalis

1879						
Dec. 28	36, Cable Street	M	45 years		Porter	Phthisis
1880						
Jan. 12	31, Cross Street	F	41 years	H	Printer	Do.
„ 16	6, Waller's Court	M	5 years	F	Labourer	Do.
„ 27	31, Mason Street	M	51 years		Ostler	Do.
Mar. 14	55, Cross Street	F	23 years		Cotton winder	Do.
Apl. 27	38, Foundry Street	F	21 years		Cotton piecer	Do.
May 9	37, Foundry Street	M	17 years	F	Tailor	Do.
„ 24	3, Goulden Street	M	26 years		Porter	Do.
July 25	29, Cross Street	F	14 years	F	Shoemaker	Do.
Aug. 27	5, Cable Street	M	54 years		Labourer	Do.

Infantile Tuberculosis

None

Sanitary District No. 5—Causes of Death, 1880—continued

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Mar. 31	16, Newton's Court	M	13 days	F Labourer	Convulsions
May 17	25, Cable Street	F	1 month	F Fish dealer	Do.
Aug. 25	11, Lyon's Court	M	2 weeks	F Agent	Do.

Laryngismus Stridulus

None

Hydrocephalus

None

Apoplexy

Dec. 2	1, Goulden Street	F	73 years	H Traveller	Serous apoplexy

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Jan. 21	71, Thompson Street	F	1 year	F Slipper maker	Marasmus
Mar. 9	3, Hatters' Court	M	11 months	F Brush maker	Do.
„ 20	72, Bennett Street	F	2½ years	F Grinder	Atrophy
Apl. 11	68, Foundry Street	F	8 weeks	F Brass moulder	Marasmus
„ 18	58, Foundry Street	M	3 months	F Fender maker	Do.
June 28	54, Goulden Street	F	2¼ years	F Painter	Do.
July 24	2, Hatters' Court	F	71 years	H Rag dealer	Senile decay
Sep. 17	75, Oldham Road	F	3 months	F Publican	Atrophy
„ 28	36, Marshall Street	F	4 months	F Fruit salesman	Tabes
Nov. 11	73, Marshall Street	M	10 days	F Carter	Marasmus
Dec. 6	5, Back Foundry Street	M	7 months	F Paper ruler	Do.

Premature Birth

Apl. 28	54, Rochdale Road	F	14 weeks	F Pork butcher	Premature birth

Diseases of Heart

Feb. 13	Goulden Street	M	47 years	Police inspector	Heart disease
„ 27	Goulden Street	M	2 days	F Fireman	Cyanosis
May 1	73, Addington Street	M	10 years	F Tailor	Valvular disease of heart
Aug. 26	85, Oldham Road	F	56 years	H Porter	Aortic disease
Dec. 5	40, Pump Street	F	34 years	H Glass maker	Heart disease

Sanitary District No. 5—Causes of Death, 1880—continued

Diseases of Kidneys

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Mar. 14	13, Newton's Court	M	29 years	Office clerk	Albuminuria
June 3	12, Back Holgate Street	F	54 years	H Tailor	Nephritis
Dec. 17	46, Thompson Street	F	44 years	H Labourer	Do.

Diseases of Brain

Jan. 13	38, Cable Street	M	5 months	F Blacksmith	Congestion of brain
„ 23	25, Marshall Street	M	59 years	Jeweller	Cerebral effusion
May 2	53, Pump Street	M	14 months	F Spinner	Encephalitis

Diseases of Bowels

Oct. 5	30, Thompson Street	M	30 years	Musician	Peritonitis
Dec. 4	13, Woolley's Court	M	12 years	F Fustian finisher	Do.

Diseases of Spine

Feb. 1	Goulden Street	F	5 days	F Policeman	Spina bifida
Mar. 28	15, Diggles Court	M	1 week	F Turner	Do.

Infantile Syphilis

June 16	11, Stewart Square	F	6 weeks	F Traveller	Syphilis

Cancerous Diseases

July 27	40, Bennett Street	M	61 years	Clothes dealer	Cancer of tongue

Abscess

Sep. 14	12, Addington Street	M	80 years	Labourer	Abscess of scrotum

Dentition

Sep. 18	Goulden Street	F	2½ years	F Fireman	Dentition
Oct. 2	Robert's Yard	F	1¾ year	F Tinman	Do.

Coroner's Inquests

Jan. 30	12, Lyon's Court	M	2 years	F Porter	Scalds
Mar. 2	89, Foundry Street	F	22 years	Cardroom hand	Poisoned herself
„ 22	66, Addington Street	F	55 years	Hawker	Natural causes
Apl. 11	2, Huddleston's Court	F	1 year	F Hawker	Died in a fit
Oct. 2	30, Bennett Street	M	4 months	F Tailor	Convulsive fit
„ 9	58, Goulden Street	F	44 years	H Fish curer	Natural causes
„ 20	6, Smart's Court	M	5 days	F Labourer	Convulsive fit
Nov. 15	14, Back Holgate Street	F	2 days	F Turner	Do.
Dec. 6	40, Pump Street	F	1 day	F Glass maker	Natural causes

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes*, 7·21

Special Forms of Zymotic Disease

Fever (typhus and typhoid)...	—	Whooping cough	5·15
Scarlet fever	1·03	Smallpox	—
Measles	1·03	Diphtheria	—

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	6·18	Apoplexy	—
Diseases of lungs	40·19	Premature birth	1·03
Pneumonia and acute bronchitis	26·80	Diseases of heart	5·15
Laryngitis	2·06	Diseases of kidneys	3·09
Chronic bronchitis	1·03	Diseases of brain	3·09
Phthisis pulmonalis	10·30	Diseases of bowels	2·06
Infantile tuberculosis	—	Diseases of spine	2·06
Diseases of nervous system ...	3·09	Infantile syphilis	1·03
Convulsions	3·09	Cancerous diseases	1·03
Hydrocephalus	—	Abscess	1·03
Laryngismus stridulus	—	Dentition	2·06
Nervous exhaustion	—	Coroner's inquests	9·27
Diseases of debility	11·34		
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	11·34		

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 1·70

Fever (typhus and typhoid)...	—	Whooping cough	1·22
Scarlet fever	·24	Smallpox	—
Measles	·24	Diphtheria.....	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	1·46
Diseases of lungs	9·52
Pneumonia and acute bronchitis	6·36
Laryngitis	·48
Chronic bronchitis	·24
Phthisis pulmonalis	2·44
Infantile tuberculosis	—
Diseases of nervous system	·73
Convulsions	·73
Hydrocephalus	—
Laryngismus stridulus	—
Nervous exhaustion	—
Diseases of debility	2·69
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	2·69
Apoplexy	·24
Premature birth	·24
Diseases of heart	1·22
Diseases of kidneys	·73
Diseases of brain	·73
Diseases of bowels	·48
Diseases of spine	·48
Infantile syphilis	·24
Cancerous diseases	·24
Abscess	·24
Dentition	·48
Coroner's inquests	2·20

Registration Sub-District
St. George's.
Sanitary District No. 6.

Scale 7½ Inches = ¼ of a Mile.

Houses built since 1870	
" " 1850	
" " 1830	
" Before 1830	
Churches, Schools, Mills, &c.	
Public Houses	X

Richd. A. K.

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 6

Boundaries

Miller Street	Back Irk Street
Rochdale Road	Gould Street
Long Millgate	River Irk

Sanitary Sub-Districts included within No. 6 Sanitary District

Number 24	Number 28
,, 25	,, 29
,, 26	,, 30
,, 27	,, 31

The sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 6 Sanitary District contains the following Streets:—

Miller Street	Derby Court	Holden Street
Oswald Street	Berry's Court	Nelson's Court
Long Millgate	Charter Street	No 1 Court, Ashley Lane
Munday Street	No. 1 Court, Charter Street	No. 2 Court, Ashley Lane
Hulme's Court	No. 2 Court, Charter Street	No. 3 Court, Ashley Lane
Comet Street	Lydia Street	St Michael's Square
Comet Court	Pump Yard	Factory Street
Lancashire's Court	Marshall's Court, Charter Street	Factory Yard
Leadenhall Street	Knowsley Court	Braham Street
Mellor's Court	Nelson Street	No 3 Passage, Braham Street
Beswick's Row	Millett's Court	No. 1 Court, Braham Street
Ledger Street	Boyle's Court	Back Joiner Street
Munday Court	Leaf Court	Ledger Court
Munday Place	Ashley Lane Court	Kenyon Street
Crown Street	Little Nelson Street	
Factory Court	Bone Street	
Crown Lane		
Crown Court		
Ashley Lane		

Angel Street
Dyche Street
Brierley's Court
Buckley's Court
Simpson Street
New Mount Street
Nicholas Street
Style Street
Marshall's Court, Ludgate Street
Ludgate Street
Hesketh's Yard
Sharp Street
Deakin's Court
Ludgate Hill
Dewhurst Court
Gould Street
Dewhurst Street
Dew Court
Joynson's Buildings
Simeon Street
Ludd's Court
Hunt's Court
Baptist Street
School Street
Back Simpson Street
Walsh's Court
Bentley's Court
No. 1 Passage, New Mount Street
No. 1 Court, Nicholas Street
No. 2 Court, Nicholas Street
Back Nicholas Street
Church Court
Welsh's Court
Brown's Court
Baird's Court
Nicholas Street
No. 4 Court, Nicholas Street
Style Street
Back Style Street
Old Mount Street
No. 1 Court, Old Mount Street
Back Old Mount Street
Carter Place
Pleasant Place
Cross Irk Street
Court in Back Irk Street
Irk Street
Back St Michael's Place
St. Michael's Place
Court off Irk Street
Back Irk Street
No. 3 Court, Nicholas Street
Foster's Court, Rochdale Road
Chapel Yard, Roachdale Road
Roger Street

The Streets arranged according to their Width

	ft.	in.		ft.	in.
St. Michael's Square	47	2	Charter Street	30	0
Long Millgate	47	0	Factory Yard	30	0
Miller Street	44	6	Gould Street	30	0
Crown Court	38	4	Nicholas Street	30	0
Miller Street	37	3	Roger Street	30	0
Ludgate Hill	36	2	Simeon Street	30	0
Nelson Street	35	4	Simpson Street	30	0
Ashley Lane	35	0	Style Street	30	0
Ashley Lane	34	6	Dyche Street	29	10
Marshall'sCourt,LudgateSt.	32	10	Sharp Street	29	10
Angel Street	30	8	New Mount Street	29	6
Nicholas Street	30	8	Charter Street	29	3
School Street	30	6	Style Street	28	4
Welsh's Court	30	6	Brierley's Court	26	0
Dewhurst Street	30	4	No. 2 Court, Nicholas St.	24	7
Old Mount Street	30	2	Pump Yard	24	7
Back Irk Street	30	0	Crown Lane	24	6
Baptist Street	30	0	Brown's Court	24	4

	ft.	in.
No. 3 Court, Ashley Lane	24	4
Back Old Mount Street ...	24	3
Irk Street	24	0
Kenyon Street	24	0
Crown Street	23	10
Factory Court	23	10
Long Millgate	23	0
Crown Court	22	6
Millett's Court	21	9
Crown Lane	21	9
St. Michael's Square	19	10
Beswick's Row	19	7
Nelson's Court	18	10
Holden Street	18	4
Braham Street	18	2
Factory Street	18	2
Back Joiner Street	18	0
Cross Irk Street	18	0
Ledger Street	18	0
Little Nelson Street	18	0
Mellor's Court	18	0
No. 2 Court, Charter Street	18	0
Pleasant Place	18	0
Joynson's Buildings	17	10
Oswald Street	17	9
Dew Court	17	6
Munday Street	17	3
Ashley Lane Court	17	0
Back St. Michael's Place...	17	0
Joynson's Buildings	16	10
No. 1 Court, Nicholas St.	16	10
Church Court	16	9
Deakin's Court	16	9
Buckley's Court	16	4
No. 2 Court, Ashley Lane	16	2
No. 3 Court, Nicholas St.	16	0
Knowsley Court	15	10
No. 2 Court, Nicholas St.	15	8
Leadenhall Street	15	6
Ludgate Street	15	2
No. 1 Court, Old Mount St.	15	0
Back Simpson Street	14	10
Dewhurst Court	14	10
Hesketh's Yard	14	4
Boyle's Court	13	10

	ft.	in.
Shaw's Court	12	4
Carter Place	12	0
Comet Street	12	0
Derby Court	12	0
Hunt's Court	12	0
Ludd's Court	12	0
Marshall's Court	12	0
Bone Street	11	10
Hulme's Court	11	10
Munday Place	11	10
No. 1 Court, Ashley Lane	11	10
Baird's Court	10	8
Lancashire's Court	10	8
Munday Court	10	8
Back St. Michael's Place...	10	7
Lydia Street	10	6
No. 4 Court, Nicholas St..	10	6
Back Nicholas Street	10	5
Back Simpson Street	10	0
Braham Street	10	0
Foster's Court	10	0
No. 4 Court, Nicholas St...	9	6
No 1 Passage, New Mount Street	9	5
Back Style Street	9	2
Millett's Court	8	9
Court off Irk Street	8	8
No. 3 Passage, Braham St..	8	8
Court in Back Irk Street...	8	4
Leaf Court	8	4
Walsh's Court	8	4
No. 1 Passage, Charter St..	8	0
Bentley's Court	7	4
St. Michael's Place	7	0
Welsh's Court	7	0
No. 1 Passage, Braham St..	6	10
No. 1 Passage, New Mount Street	6	10
Comet Court	6	2
Berry's Court	5	4
No. 2 Court, Nicholas St...	5	4
Chapel Yard, Rochdale Rd.	5	0
Ledger Court	5	0
Walsh's Court	4	6
Berry's Court	4	0

THE STREETS ARRANGED ALPHABETICALLY :—

Angel Street
Ashley Lane
Ashley Lane Court
Back Irk Street
Back Joiner Street
Back Nicholas Street
Back Old Mount Street
Back Simpson Street
Back St. Michael'sPlace
Back Style Street
Baird's Court
Baptist Street
Bentley's Court
Berry's Court
Beswick's Row
Bone Street
Boyle's Court
Braham Street
Brierley's Court
Brown's Court
Buckley's Court
Carter Place
Charter Street
Church Court
Comet Court
Comet Street
Court in Back Irk Street
Court off Irk Street
Cross Irk Street
Crown Court
Crown Lane
Crown Street
Deakin's Court
Derby Court
Dew Court
Dewhurst Court
Dewhurst Street
Dyche Street
Factory Court
Factory Street
Factory Yard
Gould Street
Hesketh's Yard
Holden Street
Hulme's Court
Hunt's Court
Irk Street
Joynson's Buildings
Kenyon Street
Knowsley Court
Lancashire's Court
Leadenhall Street
Leaf Court
Ledger Court
Ledger Street
Little Nelson Street
Long Millgate
Ludd's Court
Ludgate Hill
Ludgate Street
Lydia Street
Marshall's Court,Charter Street
Marshall's Court, Ludgate Street
Mellor's Court
Miller Street
Millett's Court
Munday's Court
Munday's Place
Munday Street
Nelson's Court
Nelson Street
New Mount Street
Nicholas Street
No. 1 Court, Ashley Lane
No. 2 Court, Ashley Lane
No. 3 Court, Ashley Lane
No. 1 Court, Braham Street
No. 3 Passage, Braham Street
No. 1 Court, Charter Street
No. 2 Court, Charter Street
No. 1 Passage, New Mount Street
No. 1 Court, Nicholas Street
No. 2 Court, Nicholas Street
No. 3 Court, Nicholas Street
No. 4 Court, Nicholas Street
No. 1 Court, Old Mount Street
Old Mount Street
Oswald Street
Pleasant Place
Pump Yard
St. Michael's Place
St. Michael's Square
School Street
Sharp Street
Shaw's Court
Simeon Street
Simpson Street
Style Street
Walsh's Court
Welsh's Court

Altitudes above the Sea Level

	ft.	in.
Bolt in east pier of Regent Road Bridge, near Water Street, 4ft. above the surface of the Irwell at this point	86	0
Bolt-mark corner of Ashley Lane and Back Irk Street	98	2
,, under Railway Bridge, Long Millgate	102	0
,, corner of Ashley Lane and Long Millgate	112	5
,, ,, Miller Street and Long Millgate	119	0
,, ,, ,, Beswick's Row	123	0
,, ,, St. Michael's Square and Cherter Street	124	7
,, ,, Crown Street and Charter Street	128	9
,, ,, Miller Street and Charter Street	131	8
,, ,, Style Street and Angel Street	140	0
,, ,, Nicholas Street and Angel Street	146	9
,, ,, ,, School Street	149	0
Mark on the wall of the Manchester Royal Infirmary (the mark is close to the flags)	149	9
Bolt-mark corner of Simeon Street and Gould Street	150	9
,, ,, New Mount Street and Angel Street	153	5
,, ,, Simpson Street and Angel Street	158	3
,, ,, Dewhurst Street and Gould Street	161	0
,, ,, Rochdale Road and Miller Street	161	5
,, ,, ,, Kenyon Street	163	9
,, ,, ,, Angel Street	165	7
,, ,, ,, Ludgate Street	167	0
,, ,, ,, Sharp Street	170	1
,, ,, ,, Gould Street	171	4
,, ,, ,, Ludgate Hill	171	5

Sewers

The general slope of the district is towards the river Irk. Rochdale Road being 50ft. higher than the Irk the fall for sewerage is considerable.

The principal sewer of the district is Charter Street sewer, which runs along the centre of Charter Street from Miller Street, and turns into the river close by the Lancashire and Yorkshire Railway bridge. It receives the flow of St. Michael's Square, Ludgate Street, Sharp Street, Nicholas Street, and Ludgate Hill, with their numerous tributaries in the smaller surrounding streets and courts.

The Rochdale Road sewers passes down Miller Street and there receives the flow of Oswald Street, Beswick Street, and Ledger Street, with their surrounding streets and courts.

The sewer which runs down Gould Street from No. 5 Sanitary District receives the flow from Dewhurst Street and Simeon Street, and their surrounding courts, finally entering the Irk at the foot of Gould Street.

The Irk Street sewer runs directly into the Irk as far as can be made out by the City Surveyor's maps.

Crown Street and Crown Lane are drained by a sewer which eventually turns down Nelson Street into the Irk

The Long Millgate sewer falls into the Irk at the bridge in Ashley Lane.

Houses

With few exceptions the houses have been built before 1830, and a great number of them are back to back with fronts opening into small courts. As a rule the houses are old and confined.

The width of the streets ranges from 38ft. to 5ft, the greater number being from 10ft. to 20ft. wide

The passages vary in width, and are narrow; the spaces between the backs of the houses being small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick.

The streets enumerated within this district contain, according to actual counting, 1,316 houses *(Bastow)*. The number contained in the Overseers' books for the year 1880-81 was 1,327, of which 75 were unoccupied, leaving 1,252 as inhabited houses.

Places of Worship

St. Michael's Church of England.....Angel Street
St. William's Catholic .....Simpson Street
Baptist Chapel .....Rochdale Road

Schools

Ragged School .....Charter Street
St. Michael's Sunday School.....Beswick Row
St. William's Day and Sunday Schools.....Simpson Street
Baptist Sunday School .....Sharp Street
Sharp Street Ragged School .....Sharp Street

Works

Ashworth Brothers, Card Works .....Ashley Lane
John Dyson, Cabinet Works.....Derby Court, Long Millgate
J. Herod & Son, Skin Merchants.....Charter Street
Henry Wallwork, Union Iron Works .....Charter Street
Manchester Coffee Roasting Co. .....Braham Street
W. & J. Batty, Timber Merchants .....Kenyon Street
T. S. Yates & Co., Glass Works .....Kenyon Street
J. Kendall & Co., Stone Yard .....Dyche Street
T. & E Briggs, Engineers.....Simpson Street
R. Gatenby, Soap Works .....Simpson Street
Joseph Lea, File Works.....Dyche Street
Francis Middleton, Wheelwright .....Charter Street

Warehouses

Brooks & Power, Glass Warehouse .....Long Millgate
J. Baxendale & Co., Oil and Varnish Merchants, Miller Street
Thomas Peyton & Co., Brush Manufacturers...Miller Street
Chadwick & Taylor, Waste Dealer .....Miller Street
Baines & Wignall, Boot and Shoe Warehouse...Simpson Street
Sherran & Smith, Waste Dealers .....Sharp Street

Data Population

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was ..... 5·01
For the township of Manchester ..... 4·95
For the registration sub-district of St. George's ..... 4·82
As No. 6 Sanitary District contained, according to the Overseers' books for the current year, 1,252 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants 6,272
Multiplied by 4·95 the number will be 6,197
Multiplied by 4·82 the number will be 6,034
The mean of these three estimates is 6,168

Which will tolerably represent the population of the district.

A large part of the population appear to have no definite occupation, and consist of the lowest orders. The boundary in Rochdale Road is occupied by shopkeepers, and a good part of the district is taken up by waste dealers' warehouses and the flags of St. Michael's Church.

Sanitary District No. 6

Mortality

From 26th December, 1879, to 19th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 179.

Death Rate

According to the population estimated by the average city rate of occupation 179 deaths would give a rate per 1,000 of	28·53
According to the township rate of occupation	28·88
According to the registration sub-district rate	29·66
The mean of these three estimates of population	29·02

Details of Deaths, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 26	30, Beswick's Row	F	3 weeks	F Stonemason	Convulsions
,, 27	24, New Mount Street	F	8 months	F Labourer	Rubeola
,, 30	38, Angel Street	F	1½ years	F Hawker	Do.
,, 31	71, Angel Street	M	9 months	F Joiner	Bronchitis
1880					
Jan. 12	19, New Mount Street	M	1¼ years	F Labourer	Pertussis
,, 12	4, Back Irk Street	M	11 months	F Mattress maker	Marasmus
,, 13	11, Angel Street	M	53 years	Block printer	Natural causes
,, 14	45, Old Mount Street	M	49 years	Tailor	Phthisis
,, 14	8, Back Irk Street	M	59 years	Cotton beamer	Morbus cordis
,, 17	1, Bentley's Court	M	11 years	F Labourer	Phthisis
,, 18	147, Charter Street	F	35 years	H Labourer	Natural causes
,, 18	6, Church Court	F	50 years	Widow	Phthisis
,, 19	5, Knowsley Court	M	5 weeks	F Horsekeeper	Convulsions
,, 21	178, Charter Street	M	63 years	Provision dealer	Morbus cordis
,, 22	9, Irk Street	F	69 years	Widow	Cerebral hæmorrhage
,, 22	3, Beard's Court	F	61 years	H Labourer	Chronic bronchitis
,, 23	4, Miller Street	M	54 years	Saddler	Bronchitis
,, 24	61, Style Street	F	49 years	H Scavenger	Apoplexy
,, 28	14, Crown Lane	F	46 years	Widow	Acute bronchitis
,, 28	1, Brierley's Court	F	3 weeks	F Carter	Convulsions
,, 29	6, St. Michael's Place	M	1 day	F Saddler	Do.
,, 30	12, Angel Street	F	14 months	F Grinder	Pertussis
,, 30	35, Angel Street	F	16 months	F Labourer	Meningitis

SANITARY DISTRICT No. 6—DETAILS OF DEATH, 1880—continued

DATE 1880	RESIDENCE	SEX	AGE		OCCUPATION	CAUSE OF DEATH
Jan. 31	3, Ludd's Court	F	4 years	F	Labourer	Pertussis
Feb. 1	1, Brierley's Court	F	3½ years	F	Carter	Do.
,, 5	20, Beswick's Row	M	4½ years	F	Hawker	Diarrhœa
,, 7	5, Comet Street	F	2¼ years	F	Glazier	Croup
,, 9	5, Simeon Street	M	59 years		Scavenger	Bronchitis
,, 10	73, Ashley Lane	F	17 years	F	Hawker	Pneumonia
,, 12	16, St. Michael's Place	M	63 years		Joiner	Typhoid fever
,, 17	110, Long Millgate	M	38 years		Brush maker	Asthenic bronchitis
,, 17	42, Ludgate Hill	F	21 years	H	Slipper maker	Puerperal convulsions
,, 20	6, Beswick's Row	M	10 hours	F	Hawker	Immaturity
,, 20	72, Style Street	F	2 years	F	Iron fitter	Pertussis
,, 22	30, Simpson Street	F	7 weeks	F	Labourer	Pneumonia
,, 24	22, Braham Street	M	40 years		Plumber	Phthisis
,, 27	14, Nicholas Street	M	1¼ years	F	Labourer	Bronchitis
,, 29	14, Old Mount Street	F	16 months	F	Velvet finisher	Croup
Mar. 7	3, Millett's Court	M	6 days	F	Porter	Convulsions
,, 12	54, Miller Street	M	59 years		Undertaker	Bronchitis
,, 13	4, Dewhurst Street	F	50 years	H	Labourer	Phthisis
,, 14	3, Dewhurst Court	M	48 years		Labourer	Bronchitis
,, 14	2 Court, Ashley Lane	F	1 year	F	Hawker	Do.
,, 15	7, Factory Street	F	3 years	F	Labourer	Rubeola
,, 17	33, Nicholas Street	M	5 years	F	Labourer	Febris enterica
,, 18	18, Baptist Street	M	58 years		Scavenger	Apoplexy
,, 20	24, Style Street	M	38 years		Labourer	Natural causes
,, 20	3, Baptist Street	M	3 months	F	Labourer	Convulsive fit
,, 25	2, Berry's Court	F	64 years		Cotton winder	Cancer of tongue
,, 25	62, Angel Street	M	20 months	F	Tailor	Natural causes
,, 26	4, Marshall Court	F	2 years	F	Hawker	Measles
,, 26	34, Angel Street	M	14 months	F	Wood turner	Convulsions
,, 26	8, Mellor's Court	M	7 months	F	Traveller	Meningitis
,, 28	12, Irk Street	M	2¾ years	F	Porter	Pertussis
,, 29	25, Dyche Street	F	5 years	F	Shoemaker	Bronchitis
,, 29	11, Angel Street	F	13 weeks	F	Dyer	Convulsive fit
,, 31	1, Bone Street	F	1 year	F	Frame maker	Pertussis
,, 31	3, Simpson Street	F	59 years	H	Hawker	Natural disease
Apl. 2	24, Back Old Mount Street	M	1¾ years	F	Painter	Pertussis
,, 2	15, Braham Street	F	61 years	H	Labourer	Chronic bronchitis
,, 2	36, New Mount Street	F	59 years	H	Hawker	Bronchitis
,, 3	43, Ludgate Hill	M	4¼ years	F	Fustian cutter	Acute tuberculosis
,, 3	16, Holden Street	M	16 months	F	Calico printer	Bronchitis
,, 3	33, St. Michael's Place	F	74 years		Widow	Natural decay
,, 4	1 Court, Ashley Lane	M	2 years	F	Labourer	Pneumonia
,, 6	53, Style Street	M	28 years		Printer	Phthisis
,, 8	37, Angel Street	M	29 years		Pattern designer	Do.
,, 10	36, Nelson Street	F	3 years	F	Carter	Bronchitis
,, 10	5, Irk Street	F	51 years	H	Pensioner	Cardiac disease

SANITARY DISTRICT No. 6—DETAILS OF DEATH, 1880—continued

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Apl. 11	4, Dewhurst Court	F	20 years	H Hooker	Phthisis
„ 13	30, Beswick's Row	F	1¾ years	F Stonemason	Rachitis
„ 13	13, Baptist Street	M	45 years	Dyer	Internal hæmorrhage
„ 18	40, Beswick's Row	F	1 day	F Stonemason	Premature birth
„ 21	16, Irk Street	M	23 years	Labourer	Phthisis pulmonalis
„ 23	46, Ludgate Hill	M	1 year	F Gasman	Rubeola
„ 24	16, Holden Street	F	16 months	F Calico printer	Diarrhœa
„ 24	26, Irk Street	M	73 years	Chair maker	Cancer of stomach
„ 27	1, Little Nelson Street	F	2½ years	F Porter	Pertussis
May 2	34, Beswick's Row	F	7 months	F Poulterer	Dentition
„ 3	26, Angel Street	M	4 years	F Labourer	Bronchitis
„ 4	5, Crown Street	M	2¾ years	F Labourer	Encephalitis
„ 4	16, St. Michael's Square	F	3½ years	F Labourer	Scarlet fever
„ 5	4, Welsh's Court	M	1¾ years	F Porter	Tabes mesenterica
„ 6	31, Old Mount Street	F	36 years	H Labourer	Puerperal eclampsia
„ 9	38, Angel Street	M	5 years	F Hawker	Spasmodic croup
„ 9	18, Crown Lane	M	56 years	Hawker	Natural causes
„ 10	30, Crown Lane	F	1¾ years	F Box maker	Bronchitis
„ 21	Joynson's Buildings	M	60 years	Chair maker	Chronic bronchitis
„ 21	6, Crown Lane	F	80 years	H Herbalist	Epilepsy
„ 21	19, Style Street	F	13 months	F Fustian cutter	Pertussis
„ 27	77, Angel Street	F	1¼ years	F Dyer	Convulsions
„ 30	51, Crown Lane	F	55 years	H Labourer	Bronchitis
„ 31	24, Crown Street	F	22 months	F Tinplate worker	Convulsive fit
June 2	10, Miller Street	M	4 years	F Basket maker	Cerebritis
„ 2	18, Dyche Street	F	1¼ years	F Sweep	Diarrhœa
„ 2	1, Brierley's Court	M	2 years	F Carter	Pneumonia
„ 6	76, Charter Street	F	4 months	F Striker	Bronchitis
„ 13	82, Charter Street	M	47 years	Slipper maker	Natural causes
„ 18	24, Old Mount Street	F	56 years	H Weaver	Cirrhosis
„ 19	111, Charter Street	F	28 years	Tailoress	Inflammation from excessive drinking
„ 20	22, St. Michael's Place	F	33 years	H Labourer	Fall down stairs
„ 25	73, Ashley Lane	F	49 years	H Hawker	Phthisis
July 1	7, Mellor's Court	M	2 years	F Bill poster	Diarrhœa
„ 1	161, Charter Street	M	41 years	Hawker	Hanged himself
„ 2	63, Style Street	F	1½ years	F Hawker	Rubeola
„ 5	5, Chapel Yard	F	5 months	F Labourer	Diarrhœa
„ 6	3, Braham Street	F	3 days	F Labourer	Convulsions
„ 10	43, Angel Street	F	5 years	F Velvet finisher	Pertussis
„ 11	25, Dyche Street	M	12 years	F Shoemaker	Scarlatina
„ 18	20, Lydia Street	M	32 years	Calenderer	Chronic phthisis
„ 21	28, Angel Street	F	8 months	F Paper sorter	Convulsive fit
„ 22	24, Irk Street	M	51 years	Publican	Apoplexy
„ 25	4, Back Ashley Lane	M	2¾ years	F Labourer	Scarlatina
„ 28	117, Charter Street	M	62 years	Furniture broker	Apoplexy
„ 30	126, Long Millgate	F	1¼ years	F Labourer	Pneumonia

SANITARY DISTRICT No. 6—DETAILS OF DEATH, 1880—continued

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Aug. 4	41, Crown Lane	F	16 days F	Braid tenter	Convulsive fit
,, 13	123, Charter Street	M	8 months F	Hawker	Diarrhœa
,, 13	47, Gould Street	F	5 years F	Clogger	Pertussis
,, 15	30, Nicholas Street	F	13 months F	Townsman	Febris enterica
,, 17	18, Ludgate Street	M	15 months F	Shoemaker	Diarrhœa
,, 19	18, Baptist Street	F	3 years F	French polisher	Marasmus
,, 19	57, Nicholas Street	F	40 years	Widow	Phthisis
,, 20	7, Joynson's Buildings	M	3 years F	Calenderer	Scarlatina
,, 20	6, Holden Street	M	1½ years F	Boot rivetter	Diarrhœa
,, 21	22, Baptist Street	F	9 months F	Labourer	Do.
,, 22	5, Baptist Street	M	5 months F	Cotton doubler	Do.
,, 22	122, Long Millgate	F	1 year F	Carter	Convulsive fit
,, 22	40, Irk Street	M	6 weeks F	Chair maker	Suffocated in bed
,, 26	6, Simpson Street	F	6 months F	Porter	Diarrhœa
,, 26	15, Beswick's Row	F	14 years F	Hawker	Atrophy
,, 29	25, Nicholas Street	F	16 months F	Glass cutter	Marasmus
Sep. 2	12, Joynson's Buildings	M	5 months F	Beetler	Diarrhœa
,, 4	42, Ludgate Hill	M	14 months F	Slipper maker	Do.
,, 4	28, Dyche Street	F	61 years H	Excavator	Natural causes
,, 7	89, Charter Street	F	35 years H	Provision dealer	Phthisis
,, 12	131, Charter Street	M	14 days F	Spinner	Convulsions
,, 12	28, Irk Street	M	4 weeks F	Fustian cutter	Diarrhœa
,, 14	77, Charter Street	M	28 years	Furniture broker	Acute bronchitis
,, 14	12, St. Michael's Place	M	1 year F	Hawker	Diarrhœa
,, 17	25, Old Mount Street	F	49 years H	Provision dealer	Morbus cordi
,, 17	32, Crown Lane	F	7 days F	Fibre drawer	Convulsions
,, 19	36, Irk Street	F	14 days F	Overlooker	Diarrhœa
,, 19	Corner of Miller Street	M	5 months F	Labourer	Natural causes
,, 21	34, Old Mount Street	F	46 years H	Slipper maker	Typhoid fever
,, 21	93, Charter Street	M	21 years	Packer	Phthisis
,, 24	16, Old Mount Street	F	51 years H	Shoemaker	Tumor of kidney
,, 24	12, New Mount Street	M	37 years	Marine store dealer	Excessive drinking
,, 26	2, Old Mount Street	F	10 months F	Labourer	Diarrhœa
,, 26	8, Holden Street	M	6 years F	Shopman	Dysentery
,, 27	12, New Mount Street	M	1½ years F	Hawker	Tabes
,, 29	8, Angel Street	M	9 months F	Striker	Diarrhœa
Oct. 1	16, Style Street	M	8 months F	Labourer	Stomatitis
,, 1	12, Welsh's Court	M	42 years	Hawker	Hanged himsel
,, 2	11, Ashley Lane	F	9 months F	Gas fitter	Spine disease
,, 5	49, Angel Street	M	6 months F	Carter	Diarrhœa
,, 6	22, Braham Street	F	14 days F	Tailor	Convulsions
,, 6	4, Old Mount Street	F	34 years	Print sorter	Gastric fever
,, 13	46, Ludgate Hill	F	24 years H	Gas stoker	Peritonitis
,, 26	14, Crown Lane	F	2 months M	Charwoman	Congenital syphilis
,, 27	3, Sharp Street	M	29 years	Iron fitter	Caries of os. frontis
,, 27	124, Long Millgate	M	69 years	Porter	Cerebral effusion

SANITARY DISTRICT No. 6—DETAILS OF DEATH, 1880—continued

DATE 1880	RESIDENCE	SEX	AGE	OCCUPATION	CAUSE OF DEATH
Oct. 28	18, Irk Street	M	60 years	Pipe maker	Chronic bronchitis
„ 28	71, Angel Street	M	8 months	F Labourer	Congestion of lungs
„ 31	32, Back Style Street	F	56 years	H Shoemaker	Paralysis
„ 31	63, Angel Street	M	34 years	Brace maker	Bronchitis
Nov. 1	6, School Street	M	20 years	Labourer	do.
„ 2	101, Charter Street	M	6 months	F Labourer	Periostitis of tibia
„ 3	14, Beswick's Row	F	65 years	H Shoemaker	Bronchitis
„ 16	91, Charter Street	F	6¼ years	F Hawker	Morbilli
„ 17	55, Angel Street	F	58 years	Widow	Cirrhosis of liver
„ 19	6, School Court	M	5 months	F Labourer	Bronchitis
„ 20	23, Irk Street	M	1 year	F Labourer	Pertussis
„ 22	28, Old Mount Street	F	1½ years	F Sheet maker	Tabes mesenterica
„ 24	1, Ludd's Court	F	19 years	F Cooper	Phthisis
„ 26	18, Old Mount Street	F	40 years	H Gasman	Bronchitis
„ 29	2, Derby Court	M	2½ years	F Cabinet maker	Tubercular meningitis
Dec. 4	31, Simpson Street	M	60 years	Hawker	Bronchitis
„ 12	4, Angel Street	F	67 years	Widow	Do.
„ 19	Chapel Yard	F	69 years	H Dyer	Albuminuria

Ages at Death

All under 1 year	41	
„ 2 years	74	
„ 3 „	85	
„ 4 „	91	
„ 5 „	96	= 96
All between 5 and 10 years, including the first term		7
„ 10 „ 20 „ „ „		5
„ 20 „ 30 „ „ „		11
„ 30 „ 40 „ „ „		10
„ 40 „ 50 „ „ „		14
„ 50 „ 60 „ „ „		18
„ 60 „ 70 „ „ „		15
„ 70 „ 80 „ „ „		2
„ 80 „ 90 „ „ „		1
Total deaths		179

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	22·90	Under 4 years	50·83
„ 2 years	41·34	„ 5 „	53·63
„ 3 „	47·48		
Between 5 and 10 years	3·91	Between 50 and 60 years	10·05
„ 10 „ 20 „	2·79	„ 60 „ 70 „	8·37
„ 20 „ 30 „	6·14	„ 70 „ 80 „	1·11
„ 30 „ 40 „	5·58	„ 80 „ 90 „	·55
„ 40 „ 50 „	7·82		

Deaths per 1,000 *of the mean population* (6,168) *at different ages*

Under 1 year	6·64	Under 4 years	14·75
„ 2 years	11·99	„ 5 „	15·56
„ 3 „	13·78		
Between 5 and 10 years, including the first term	1·13	Between 50 and 60 years, including the first term	2·91
„ 10 „ 20 „	·81	„ 60 „ 70 „	2·43
„ 20 „ 30 „	1·78	„ 70 „ 80 „	·32
„ 30 „ 40 „	1·62	„ 80 „ 90 „	·16
„ 40 „ 50 „	2·26		

SANITARY DISTRICT No. 6—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
May 4	16, St. Michael's Square	F	3½ years	F Labourer	Scarlet fever
July 11	25, Dyche Street	M	12 years	F Shoemaker	Scarlatina
,, 25	4, Back Ashley Lane	M	2¾ years	F Labourer	Do.
Aug. 20	7, Joynson's Buildings	M	3 years	F Calenderer	Do.

Typhus Fever

Feb. 12	16, St. Michael's Place	M	63 years	Joiner	Typhoid fever
Mar. 17	33, Nicholas Street	M	5 years	F Labourer	Febris enterica
Aug. 15	30, Nicholas Street	F	13 months	F Townsman	Do.
Sep. 21	34, Old Mount Street	F	46 years	H Slipper maker	Typhoid fever
Oct. 6	4, Old Mount Street	F	34 years	Print sorter	Gastric fever

Measles

1879					
Dec. 27	24, New Mount Street	F	8 months	F Labourer	Rubeola
,, 30	38, Angel Street	F	1½ years	F Hawker	Do.
1880					
Mar. 15	7, Factory Street	F	3 years	F Labourer	Do.
,, 26	4, Marshall's Court	F	2 years	F Hawker	Measles
Apl. 23	46, Ludgate Hill	F	1 year	F Gasman	Rubeola
July 2	63, Style Street	F	1½ years	F Hawker	Do.
Nov. 16	91, Charter Street	F	6¼ years	F Hawker	Morbilli

Whooping Cough

Jan. 12	19, New Mount Street	M	1¼ years	F Labourer	Pertussis
,, 30	12, Angel Street	F	14 months	F Grinder	Do.
,, 31	3, Ludd's Court	F	4 years	F Labourer	Do.
Feb. 1	1, Brierley's Court	F	3½ years	F Carter	Do.
,, 20	72, Style Street	F	2 years	F Iron fitter	Do.
Mar. 28	12, Irk Street	M	2¾ years	F Porter	Do.
,, 31	1, Bone Street	F	1 year	F Frame maker	Do.
Apl. 2	24, Back Old Mount Street	M	1¾ years	F Painter	Do.
,, 27	1, Little Nelson Street	F	2½ years	F Porter	Do.
May 21	19, Style Street	F	13 months	F Fustian cutter	Do.
July 10	43, Angel Street	F	5 years	F Velvet finisher	Do.
Aug. 13	47, Gould Street	F	5 years	F Clogger	Do.
Nov. 20	23, Irk Street	M	1 year	F Labourer	Do.

Diphtheria

None

Sanitary District No. 6—Causes of Death, 1880—continued

Diarrhœa

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Feb. 5	20, Beswick's Row	M	4½ years	F Hawker	Diarrhœa
Apl. 24	16, Holden Street	F	16 months	F Calico printer	Do.
June 2	18, Dyche Street	F	1¼ years	F Sweep	Do.
July 2	7, Mellor's Court	M	2 years	F Bill poster	Do.
,, 5	5, Chapel Yard	F	5 months	F Labourer	Do.
Aug. 13	123, Charter Street	M	8 months	F Hawker	Do.
,, 17	18, Ludgate Street	M	15 months	F Shoemaker	Do.
,, 20	6, Holden Street	M	1½ years	F Boot rivetter	Do.
,, 21	22, Baptist Street	F	9 months	F Labourer	Do.
,, 22	5, Baptist Street	M	5 months	F Cotton doubler	Do.
,, 26	6, Simpson Street	F	6 months	F Porter	Do.
Sep. 2	12, Joynson's Buildings	M	5 months	F Beetler	Do.
,, 4	42, Ludgate Hill	M	14 months	F Slipper maker	Do.
,, 12	28, Irk Street	M	4 weeks	F Fustian cutter	Do.
,, 14	12, St. Michael's Place	M	1 year	F Hawker	Do.
,, 19	36, Irk Street	F	14 days	F Overlooker	Do.
,, 26	2, Old Mount Street	F	10 months	F Labourer	Do.
,, 29	8, Angel Street	M	9 months	F Striker	Do.
Oct. 5	49, Angel Street	M	6 months	F Carter	Do.

Diseases of Lungs

Pneumonia and Acute Bronchitis

1879					
Dec. 31	71, Angel Street	M	9 months	F Joiner	Bronchitis
1880					
Jan. 23	4, Miller Street	M	54 years	... Saddler	Do.
,, 28	14, Crown Lane	F	46 years	... Widow	Do.
Feb. 9	5, Simeon Street	M	59 years	... Scavenger	Do.
,, 10	73, Ashley Lane	F	17 years	F Hawker	Pneumonia
,, 17	110, Long Millgate	M	38 years	... Brush maker	Asthenic bronchitis
,, 22	30, Simpson Street	F	7 weeks	F Labourer	Pneumonia
,, 27	14, Nicholas Street	M	1¼ years	F Labourer	Bronchitis
Mar. 12	54, Miller Street	M	59 years	... Undertaker	Do.
,, 14	3, Dewhurst Court	M	48 years	... Labourer	Do.
,, 14	2 Court, Ashley Lane	F	1 year	F Hawker	Do.
,, 29	29, Dyche Street	F	5 years	F Shoemaker	Do.
Apl. 2	36, New Mount Street	F	59 years	H Hawker	Do.
,, 3	16, Holden Street	M	16 months	F Calico printer	Do.
,, 4	1 Court, Ashley Lane	M	2 years	F Labourer	Pneumonia
,, 10	36, Nelson Street	F	3 years	F Carter	Bronchitis
May 3	26, Angel Street	M	4 years	F Labourer	Do.
,, 10	30, Crown Lane	F	1¾ years	F Box maker	Do.
,, 30	51, Crown Lane	F	55 years	F Labourer	Do.
June 2	1, Brierley's Court	M	2 years	F Carter	Pneumonia

Sanitary District No. 6—Details of Death, 1880—continued

Diseases of Lungs—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
June 6	76, Charter Street	F	4 months	F Striker	Bronchitis
July 30	126, Long Millgate	F	1¼ years	F Labourer	Pneumonia
Sep. 14	77, Charter Street	M	28 years	Furniture broker	Bronchitis
Oct. 28	71, Angel Street	M	8 months	F Labourer	Congestion of lungs
„ 31	63, Angel Street	M	34 years	Brace maker	Bronchitis
Nov. 1	6, School Street	M	20 years	Labourer	Do.
„ 3	14, Beswick's Row	F	65 years	H Shoemaker	Do.
„ 19	6, School Court	M	5 months	F Labourer	Do.
„ 26	18, Old Mount Street	F	40 years	H Gasman	Do.
Dec. 4	31, Simpson Street	F	60 years	Hawker	Do.
„ 12	4, Angel Street	F	67 years	Widow	Do.

Laryngitis

Feb. 7	5, Comet Street	F	2¼ years	F Glazier	Croup
„ 29	14, Old Mount Street	F	16 months	F Velvet finisher	Do.
May 9	38, Angel Street	M	5 years	F Hawker	Spasmodic croup

Chronic Bronchitis

Jan. 22	3, Beard's Court	F	61 years	H Labourer	Chronic bronchitis
Apl. 2	15, Braham Street	F	61 years	H Labourer	Do.
May 21	Joynson's Buildings	M	60 years	Chair maker	Do.
Oct. 28	18, Irk Street	M	60 years	Pipe maker	Do.

Phthisis Pulmonalis

Jan. 14	45, Old Mount Street	M	49 years	Tailor	Phthisis
17	1, Bentley's Court	M	11 years	F Labourer	Do.
„ 18	6, Church Court	F	50 years	Widow	Do.
Feb. 24	22, Braham Street	M	40 years	Plumber	Do.
Mar. 13	4, Dewhurst Street	F	50 years	H Labourer	Do.
Apl. 6	53, Style Street	M	28 years	Printer	Do.
„ 8	37, Angel Street	M	29 years	Pattern designer	Do.
„ 11	4, Dewhurst Court	F	20 years	H Hooker	Do.
„ 21	16, Irk Street	M	23 years	Labourer	Do.
June 25	73, Ashley Lane	F	49 years	H Hawker	Do.
July 18	20, Lydia Street	M	32 years	Calenderer	Do.
Aug. 19	57, Nicholas Street	F	40 years	Widow	Do.
Sep. 7	89, Charter Street	F	35 years	H Provision dealer	Do.
„ 21	93, Charter Street	M	21 years	Packer	Do.
Nov. 24	1, Ludd's Court	F	19 years	F Cooper	Do.

Infantile Tuberculosis

Apl. 3	43, Ludgate Hill	M	4¼ years	F Fustian cutter	Acute tuberculosis

Sanitary District No. 6—Causes of Death, 1880—continued

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 26	30, Beswick's Row	F	3 weeks	Stonemason	Convulsions
1880					
Jan. 19	5, Knowsley Court	M	5 weeks	Housekeeper	Do.
,, 28	1, Brierley's Court	F	3 weeks	Carter	Do.
Mar. 7	3, Millett's Court	M	6 days	Porter	Do.
,, 26	34, Angel Street	M	14 months	Wood turner	Do.
May 27	77, Angel Street	F	1¼ years	Dyer	Do.
July 6	3, Braham Street	F	3 days	Labourer	Do.
Sep. 12	131, Charter Street	M	14 days	Spinner	Do.
,, 17	32, Crown Lane	F	7 days	Fibre drawer	Do.
Oct. 6	22, Braham Street	F	14 days	Tailor	Do.

Hydrocephalus

Jan. 30	35, Angel Street	F	16 months	Labourer	Meningitis
Mar. 26	8, Mellor's Court	M	7 months	Traveller	Do.
Nov. 29	2, Derby Court	M	2½ years	Cabinet maker	Tubercular meningitis

Apoplexy

Jan. 24	61, Style Street	F	49 years	Scavenger	Apoplexy
Mar. 18	18, Baptist Street	M	58 years	Scavenger	Do.
July 22	24, Irk Street	M	51 years	Publican	Do.
,, 28	117, Charter Street	M	62 years	Furniture broker	Do.

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Jan. 12	4, Back Irk Street	M	11 months	Mattress maker	Marasmus
Apl. 3	33, Saint Michael's Place	F	74 years	Widow	Natural decay
May 5	4, Welsh's Court	M	1¾ years	Porter	Tabes mesenterica
Aug. 19	18, Baptist Street	F	3 years	French polisher	Marasmus
,, 26	15, Beswick's Row	F	14 years	Hawker	Atrophy
,, 29	25, Nicholas Street	F	16 months	Glass cutter	Marasmus
Sep. 27	12, New Mount Street	M	1½ years	Hawker	Tabes
Nov. 22	28, Old Mount Street	F	1½ years	Sheet maker	Tabes mesenterica

Premature Birth

Feb. 20	6, Beswick's Row	M	10 hours	Hawker	Immaturity
Apl. 18	40, Beswick's Row	F	1 day	Stonemason	Premature birth

Sanitary District No. 6—Causes of Death, 1880—continued

Diseases of Heart

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 14	8, Back Irk Street	M	59 years	Cotton beamer	Morbus cordis
,, 21	178, Charter Street	M	63 years	Provision dealer	Do.
Apl. 10	5, Irk Street	F	51 years	H Pensioner	Cardiac disease
Sep. 17	25, Old Mount Street	F	49 years	H Provision dealer	Morbus cordis

Diseases of Brain

May 4	5, Crown Street	M	2¾ years	F Labourer	Encephalitis
June 2	10, Miller Street	M	4 years	F Basket maker	Cerebritis
Oct. 27	124, Long Millgate	M	69 years	Porter	Cerebral effusion

Diseases of Kidneys

June 18	24, Old Mount Street	F	56 years	H Weaver	Cirrhosis
Dec. 19	Chapel Yard	F	69 years	H Dyer	Albuminuria

Diseases of Liver

Nov. 17	55, Angel Street	F	58 years	Widow	Cirrhosis of liver

Diseases of Bowels

Oct. 13	46, Ludgate Hill	F	24 years	H Gas stoker	Peritonitis

Diseases of Spine

Apl. 13	30, Beswick's Row	F	1¾ years	F Stonemason	Rachitis
Oct. 2	11, Ashley Lane	F	9 months	F Gas fitter	Spine disease

Cancerous Diseases

Mar. 25	2, Berry's Court	F	64 years	Cotton winder	Cancer of tongue
Apl. 24	26, Irk Street	M	73 years	Chair maker	Cancer of stomach

Puerperal Diseases

Feb. 17	42, Ludgate Hill	F	21 years	H Slipper maker	Puerperal convulsions
May 6	31, Old Mount Street	F	36 years	H Labourer	Puerperal eclampsia

Hæmorrhage

Jan. 22	9, Irk Street	F	69 years	Widow	Cerebral hæmorrhage
Apl. 13	13, Baptist Street	M	45 years	Dyer	Internal hæmorrhage

Dentition

May 2	34, Beswick's Row	F	7 months	F Poulterer	Dentition

Sanitary District No. 6—Causes of Death, 1880—continued

Epilepsy

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
May 21	6, Crown Lane	F	80 years	H Herbalist	Epilepsy

Tumour

Sep. 24	16, Old Mount Street	F	51 years	H Shoemaker	Tumour of kidney

Dysentery

Sep. 26	8, Holden Street	M	6 years	F Shopman	Dysentery

Inflammation of Mouth

Oct. 1	16, Style Street	M	8 months	F Labourer	Stomatitis

Infantile Syphilis

Oct. 26	14, Crown Lane	F	2 months	M Charwoman	Congenital syphilis

Paralysis

Oct. 31	32, Back Style Street	F	56 years	H Shoemaker	Paralysis

Diseases of Bones

Oct. 27	3, Sharp Street	M	29 years	Iron fitter	Caries of os. frontis
Nov. 2	101, Charter Street	M	6 months	F Labourer	Periostitis of tibia

Coroner's Inquests

Jan. 13	11, Angel Street	M	53 years	Block printer	Natural causes
„ 18	147, Charter Street	F	35 years	H Labourer	Do.
„ 29	6, St. Michael's Place	M	1 day	F Saddler	Convulsions
Mar. 20	24, Style Street	M	38 years	Labourer	Natural causes
„ 20	3, Baptist Street	M	3 months	F Labourer	Convulsive fit
„ 25	62, Angel Street	M	20 months	F Tailor	Natural causes
„ 29	11, Angel Street	F	13 weeks	F Dyer	Convulsive fit
„ 31	3, Simpson Street	F	59 years	H Hawker	Natural disease
May 9	18, Crown Lane	M	56 years	Hawker	Natural causes
„ 31	24, Crown Street	F	22 months	F Tinplate worker	Convulsive fit
June 13	82, Charter Street	M	47 years	Slipper maker	Natural causes
„ 19	111, Charter Street	F	28 years	Tailoress	Inflammation from excessive drinking
„ 20	22, St. Michael's Place	F	33 years	H Labourer	Fall down stairs
July 1	161, Charter Street	M	41 years	Hawker	Hanged himself
„ 21	28, Angel Street	F	8 months	F Paper sorter	Convulsive fit
Aug. 4	41, Crown Lane	F	16 days	F Braid tenter	Do.
„ 22	122, Long Millgate	F	1 year	F Carter	Do.
„ 22	40, Irk Street	M	6 weeks	F Chair maker	Suffocated in bed
Sep. 4	28, Dyche Street	F	61 years	H Excavator	Natural causes
„ 19	Corner of Miller Street	M	5 months	F Labourer	Do.
„ 24	12, New Mount Street	M	37 years	Marine store dealer	Excessive drinking
Oct. 1	12, Welsh's Court	M	42 years	Hawker	Hanged himself

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes*, 16·19

Special Forms of Zymotic Disease

Fever (typhus and typhoid)...	2·79	Whooping cough	7·26
Scarlet fever	2·23	Smallpox	—
Measles	3·91	Diphtheria	—

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	10·61	Diseases of heart	2·23
Diseases of lungs	30·13	Diseases of brain	1·67
Pneumonia and acute bronchitis	17·31	Diseases of kidneys	1·11
Laryngitis	1·67	Diseases of liver	·55
Chronic bronchitis	2·23	Diseases of bowels.....	·55
Phthisis pulmonalis	8·37	Diseases of spine	1·11
Infantile tuberculosis	·55	Cancerous diseases	1·11
Diseases of nervous system ...	7·25	Puerperal diseases.....	1·11
Convulsions	5·58	Hæmorrhage	1·11
Hydrocephalus	1·67	Dentition	·55
Laryngismus stridulus	—	Epilepsy	·55
Nervous exhaustion	—	Tumour	·55
Diseases of debility	4·46	Dysentery	·55
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	4·46	Diseases of bones	1·11
Apoplexy	2·23	Inflammation of mouth	·55
Premature birth	1·11	Infantile syphilis	·55
		Paralysis	·55
		Coroner's inquests.....	12·29

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 4·68

Fever (typhus and typhoid)...	·81	Whooping cough	2·10
Scarlet fever	·64	Smallpox	—
Measles	1·13	Diphtheria.....	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	3·08	Diseases of heart	·64
Diseases of lungs	8·73	Diseases of brain	·48
Pneumonia and acute bronchitis	5·02	Diseases of kidneys	·32
Laryngitis	·48	Diseases of liver	·16
Chronic bronchitis	·64	Diseases of bowels	·16
Phthisis pulmonalis	2·43	Diseases of spine	·32
Infantile tuberculosis	·16	Cancerous diseases	·32
Diseases of nervous system	2·10	Puerperal diseases	·32
Convulsions	1·62	Hæmorrhage	·32
Hydrocephalus	·48	Dentition	·16
Laryngismus stridulus	—	Epilepsy	·16
Nervous exhaustion	—	Tumour	·16
Diseases of debility	1·29	Dysentery	·16
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	1·29	Diseases of bones	·32
Apoplexy	·64	Inflammation of mouth	·16
Premature birth	·32	Infantile syphilis	·16
		Paralysis	·16
		Coroner's inquests	3·56

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 7

Boundaries

The River Irk	Gould Street	Barlow Street
Back Irk Street	Rochdale Road	Dalton Street

Sanitary Sub-Districts included within No. 7 Sanitary District

Number 32	Number 35
,, 33	,, 36 (southern half)
,, 34 (southern half)	

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census of 1871.

No. 7 Sanitary District contains the following Streets :—

Portland Street	Parker Street	No. 2 Court, Tebbutt St.
Water Street	Back Ashley Lane	Twemlow Street
Dalton Street	Silver Court	Frederick Street
Back Water Street	Parker's Place	Birchall Street
Iron Street	Williamson Street	Knoll Street
Coronation Buildings	King Street	Pilling Street
Burton Street	Silver Street	Frederick Place
Back Dimity Street	Back Irk Street	Back Nelson Street
Olive Street	Lower Tebbutt Street	William Street
Latham Place	Back St. George's Road	Gaskill's Court
Dimity Street	Booth's Court	Harker's Court
Dixon Street	John St., Rochdale Rd.	Nelson Street
Flag Row	Cobourg Street	Thomas's Court
Beesley Street	Rochdale Road	Glover Street
Bilberry Street	Gould Street	Barlow Street
Back Bilberry Street	School Court No. 1	Home Street
Ashley Lane	School Court No. 2	Hancock Street
Bromley Street	Tebbutt Street	Limer Street
John Street	Omega Place	Foxlow's Court
Milan Street	Bowker's Court	Ashley Street
Charlotte Street	Edmund Court	Back Ashley Street
Back Parker Street	No. 1 Court, Tebbutt St.	

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT No. 7.

SCALE 7½ INCHES = ¼ OF A MILE.

HOUSES BUILT SINCE 1870 .....
" " 1850 .....
" " 1830 .....
" BEFORE 1830 .....
CHURCHES, SCHOOLS, MILLS, &c. .....
PUBLIC HOUSES X

Richd. A. Bastow.

THE STREETS ARRANGED ACCORDING TO THEIR WIDTH

	ft.	in.
Rochdale Road	50	0
Rochdale Road	45	6
Back Bilberry Street	43	0
Portland Street	41	10
Latham Place	40	9
Ashley Lane	38	5
Bowker's Court	38	0
Dalton Street	36	4
Cobourg Street	36	0
Frederick Street	36	0
Nelson Street	36	0
Tebbutt Street	36	0
Pilling Street	35	6
Tebbutt Street	35	2
Barlow Street	35	0
Bromley Street	33	7
Ashley Street	30	4
Bilberry Street	30	0
Gould Street	30	0
Parker Street	30	0
Water Street	29	10
John Street		
Back St. George's Road	29	7
Beesley Street	29	6
Edmund Court	27	4
Lower Tebbutt Street	26	10
No. 1 Court, Tebbutt St.	26	4
William Street	24	5
Iron Street	24	4
Frederick Street	24	2
Back Ashley Street	24	0
Barlow Street	24	0
Birchall Street	24	0
Burton Street	24	0
Glover Street	24	0
Hancock Street	24	0

	ft.	in.
Home Street	24	0
Knoll Street	24	0
Back Nelson Street	23	10
Coronation Buildings	23	10
Dixon Street	23	10
Frederick Place	23	10
Twemlow Street	23	8
Back Irk Street	23	4
Gaskill's Court	21	5
Limer Street	21	0
Dimity Street	18	7
Milan Street	18	4
John Street, Ashley Lane	18	0
John Street, Ashley Lane	17	10
Williamson Street	17	9
Flag Row	17	0
Back Dimity Street	16	4
School Court No. 1	14	10
King Street	14	9
Charlotte Street	13	4
Thomas's Court	13	4
Foxlow's Court	13	0
Silver Street	12	10
School Court No. 2	12	4
Omega Place	11	7
No. 2 Court, Tebbutt St.	11	4
Back Parker Street	11	2
Harker's Court	10	7
Back Ashley Lane	10	6
Silver Court	10	4
Back Water Street	10	3
Parker's Place	8	7
Booth's Court	8	6
Olive Street	7	4
Silver Court	5	6
Back Ashley Lane	4	4

The Streets arranged Alphabetically

Ashley Lane
Ashley Street
Back Ashley Lane
Back Ashley Street
Back Bilberry Street
Back Dimity Street
Back Irk Street
Back Nelson Street
Back Parker Street
Back St. George's Road
Back Water Street
Barlow Street
Beesley Street
Bilberry Street
Birchall Street
Booth's Court
Bowker's Court
Bromley Street
Burton Street
Charlotte Street
Cobourg Street
Coronation Buildings
Dalton Street
Dimity Street
Dixon Street
Edmund Court
Flag Row
Foxlow's Court
Frederick Place
Frederick Street
Gaskill's Court
Glover Street
Gould Street
Hancock Street
Harker's Court
Home Street
Iron Street
John Street, Ashley Lane
John Street, Rochdale Road
King Street
Knoll Street
Latham Place
Limer Street
Lower Tebbutt Street
Milan Street
Nelson Street
No. 1 Court, Tebbutt St.
No. 2 Court, Tebbutt St.
Olive Street
Omega Place
Parker Street
Parker's Place
Pilling Street
Portland Street
Rochdale Road
School Court No. 1
School Court No. 2
Silver Court
Silver Street
Tebbutt Street
Thomas's Court
Twemlow Street
Water Street
William Street
Williamson Street

Altitudes above the Sea Level

		ft.	in.
Bolt-mark corner of	Back Bilberry Street and Ashley Lane..	97	8
,, ,,	Back Irk Street and Ashley Lane	98	2
,, ,,	Latham Place and Portland Street	101	6
,, ,,	John Street and Bromley Street	102	6
,, ,,	Back Irk Street and Williamson Street..	113	3
,, ,,	Gould Street and Rochdale Road.....	171	4
,, ,,	Back Ashley Street and Rochdale Road	171	5
,, ,,	Cobourg Street and Rochdale Road.....	171	6
,, ,,	John Street and Rochdale Road	172	6
,, ,,	Tebbutt Street and Rochdale Road	174	2
,, ,,	Pilling Street and Rochdale Road	175	6
,, ,,	Nelson Street and Glover Street	176	1
,, ,,	Rochdale Road and Nelson Street	176	5

Sewers

The general slope of the district is from Rochdale Road to the river Irk, the latter being 78ft. lower than Rochdale Road. It is drained by five principal sewers, namely, Dalton Street sewer, Water Street sewer, Bilberry Street sewer, Bromley Street sewer, and Parker Street sewer; also, a sewer which runs down Lower Tebbutt Street and flows into a stream which crosses Flag Row, eventually flowing into the Irk; the point of outflow of the latter is not shown on the City Surveyor's maps.

The Dalton Street sewer is a continuation of the Livesey Street sewer, and receives the flow of Barlow Street, with tributaries from Home Street, Hancock Street, and other minor streets; running down Dalton Street it crosses Portland Street and enters the river Irk. The Water Street sewer receives the flow from Dixon Street and part of Portland Street; from thence it flows directly down Water Street to the river Irk.

The Lower Tebbutt Street sewer is the most important in the district; it receives the flow from Limer Street, Nelson Street, Pilling Street, Tebbutt Street, Coburg Street, and the Railway Passage, with the flow of a number of minor streets; it then empties into an old culvert which eventually finds its way into the Irk.

The Bilberry Street sewer drains Bilberry Street, crosses Ashley Lane, and enters the Irk.

The Bromley Street sewer drains part of the railway passage, passes under the Lancashire and Yorkshire Railway, down Bromley Street, and across Ashley Lane into the Irk.

The Parker Street Sewer receives the flow of King Street, Silver Street, and other small surrounding streets; it then flows down Parker Street and across Ashley Lane into the Irk.

Houses

Most of the houses in this district were built before 1830, and more than three-fourths before 1850.

There are a number of back-to-back houses in the courts, and, generally, the property is confined.

The width of the streets ranges from 50ft. to 7ft. 4in., the greater number being under 30ft. wide.

The passages are narrow, and in many cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick.

The streets enumerated within this district contain, according to actual counting, 872 houses *(Bastow)*. The number contained in the Overseers' books for the year 1880-81 was 861, of which 48 were unoccupied, leaving 813 as inhabited houses.

Places of Worship

Independent Chapel .....Ashley Lane
Christian Church, Unsectarian .....Gould Street

Schools

Board and Sunday School, Independent .....Ashley Lane
Sunday School .....Gould Street

Public Institutions

Alhambra Music Hall .....Pilling Street

Works

Corporation of Manchester Gas Works .....Gould Street
Joseph Wood, Ducie Saw Mills .....Dalton Street
J. Halliday, Filter Manufactory .....Water Street
R. Davies, Bolt Works .....Bilberry Street
R Paton, Soda-Water Manufactory.....Bromley Street
G. W. Bamford, Basket Works .....Bromley Street
Oliver & Arundel, Machinists.....Bromley Street
Aldred & Co., Machinists .....Parker Street
J. Horrocks, Machinist .....Parker Street
J. A. Cell, Wheelwright .....Barlow Street
Lancashire and Yorkshire Railway Company's Sidings..Dalton Street

Warehouses

William Baker, Waste Warehouse .....William Street
Haselgrove & Nephew, Twine and Rope Warehouse...Parker Street

Data POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 7 Sanitary District contained, according to the Overseers' books for the current year, 813 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants	4,073
Multiplied by 4·95 the number will be	4,024
Multiplied by 4·82 the number will be	3,918
The mean of these three estimates is	4,005

Which will tolerably represent the population of this district.

A considerable extent of the district is occupied by the Rochdale Road Gas Works and the Lancashire and Yorkshire Railway Company's Sidings. The Rochdale Road boundary is occupied by shopkeepers; the remaining part is occupied by a poor class of people, such as porters labourers, &c.

Sanitary District No. 7

Mortality

From 24th December, 1879, to 20th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 101.

Death Rate

According to the population estimated by the average city rate of occupation 101 deaths would give a rate per 1,000 of ..... 24·97
According to the township rate of occupation ..... 25·99
According to the registration sub-district rate ..... 25·77
The mean of these three estimates of population ..... 25·21

Details of Death, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 24	36, Tebbutt Street	F	10 days	F Cooper	Convulsions
„ 30	1, Parker Street	F	3 years	F Gasman	Pneumonia
1880					
Jan. 3	3, Booth's Court	M	22 years	Labourer	Phthisis
„ 6	3, Birchall Street	F	53 years	Widow	Bronchitis
„ 8	29, Gould Street	F	30 years	H Labourer	Natural disease
„ 11	199, Rochdale Road	F	32 years	H Pot dealer	Gastro-enteritis
„ 18	2, Dalton Street	F	1 year	F Dyer	Febris rubra
„ 18	2, Gaskill's Court	M	11 years	F Gas stoker	Natural causes
„ 26	38, Portland Street	F	9 months	M Charwoman	Bronchitis
„ 27	Tebbutt Street	M	12 years	F Labourer	Run over by a lurry
„ 30	13, Back Bilberry Street	F	5 years	F Cotton sorter	Meningitis
Feb. 1	76, Dalton Street	M	9 months	F Hatter	Bronchitis
„ 3	101, Rochdale Road	F	12 days	F Butcher	Congenital syphilis
„ 12	17, Tebbutt Street	F	48 years	H Tailor	Bronchitis
„ 13	5, Flag Row	F	3¼ years	F Spindle maker	Acute nephritis
„ 18	201, Rochdale Road	F	63 years	H Dyer	Chronic bronchitis
„ 21	38, Back St. George's Road	F	1¼ years	M Servant	Tabes mesenterica
„ 22	23, Water Street	M	70 years	Warehouseman	Bronchitis
„ 26	11, Birchall Street	F	43 years	H Superintendent	Cirrhosis hepatis
„ 28	18, Flag Row	M	11 months	F Chair maker	Bronchitis
Mar. 3	30, Nelson Street	F	47 years	H Engine tenter	Do.
„ 6	30, Pilling Street	F	61 years	H Warehouseman	Morbus cordis
„ 8	141, Rochdale Road	M	23 years	Labourer	Phthisis
„ 10	18, Dalton Street	M	3¾ years	F Hatter	Morbilli

Sanitary District No. 7—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Mar. 11	8, Glover Street	M	54 years	Slipper maker	Knocked down by a cart
,, 15	5, Twemlow Street	F	47 years	H Hawker	Morbus cordis
,, 16	29, Tebbutt Street	M	7 months	F Blacksmith	Laryngismus stridulus
,, 16	Charlotte Street	M	28 years	Labourer	Hanged himself
,, 25	17, King Street	F	2½ years	F Hawker	Rubeola
Apl. 1	6, Milan Street	M	3¾ years	F Labourer	Pertussis
,, 2	38, Dimity Street	M	41 years	Packer	Phthisis
,, 6	34, Pilling Street	M	2 months	F Joiner	Pertussis
,, 16	9, Charlotte Street	M	8 months	F Carter	Tabes mesenterica
,, 18	23, Collyhurst Road	F	63 years	H Timekeeper	Cancer rectum
,, 23	10, Frederick Place	F	1½ years	F Labourer	Hydrocephalus
,, 25	15, Hancock Street	M	2½ years	F Joiner	Bronchitis
,, 26	14, Portland Street	F	57 years	H Finisher	Acute bronchitis
,, 29	16, Silver Street	F	1 year	F Iron polisher	Pertussis
May 1	36, Dalton Street	M	51 years	Labourer	Pleurisy
,, 3	8, Bilberry Street	M	71 years	Wheelwright	Morbus cordis
,, 7	149, Rochdale Road	F	4 months	F Watchmaker	Convulsions
,, 12	13, Tebbutt Street	F	67 years	H Brushmaker	Phthisis
,, 21	5, Back Water Street	M	10 months	F Porter	Bronchitis
,, 29	15, Bilberry Street	M	55 years	Labourer	Phthisis
,, 30	1, Gaskill's Court	F	5 weeks	M Milliner	Convulsions
June 2	18, Parker Street	F	9 months	F Engine tenter	Encephalitis
,, 2	111, Rochdale Road	F	42 years	H Publican	Hepatic disease
,, 12	32, Dalton Street	M	10 months	F Blacksmith	Bronchitis
,, 13	22, Dimity Street	M	80 years	Weaver	Senile decay
,, 15	2, William Street	F	9 days	F Case maker	Convulsions
July 3	143, Rochdale Road	F	47 years	H Provision dealer	Carcinoma mammæ
,, 5	11, King Street	F	5½ years	F Tailor	Inflammation of lungs
,, 19	5, Iron Street	M	3 days	F Wire dresser	Convulsions
,, 26	27, Tebbutt Street	M	66 years	Fish dealer	Phthisis
,, 27	83, Collyhurst Road	M	1¼ years	F Iron turner	Morbilli
,, 31	112, Ashley Lane	M	9 months	F Warehouseman	Convulsions
Aug. 1	35, Water Street	M	26 years	Tripe dresser	Phthisis
,, 1	8, Bromley Street	M	61 years	Labourer	Acute pleurisy
,, 1	7, Williamson Street	M	7 months	F Labourer	Diarrhœa
,, 1	60, Portland Street	F	52 years	H Publican	Bright's disease
,, 4	14, Glover Street	M	3 months	F Sawyer	Convulsive fit
,, 7	32, Portland Street	M	4 years	F Tailor	Diarrhœa
,, 22	23, Parker Street	F	62 years	H Labourer	Do.
,, 22	1, Silver Street	F	52 years	H Labourer	Fall down stairs
,, 24	30, Dalton Street	M	65 years	Tailor	Senile debility
,, 24	27, Dimity Street	F	1 day	F Clog iron cutter	Premature birth
,, 25	8, William Street	M	3 years	F Labourer	Scarlatina
,, 31	23. Water Street	M	28 years	Station master	Phthisis
Sep. 1	7, Bromley Street	M	57 years	Labourer	Bronchitis
,, 7	9, Back Bilberry Street	M	31 years	Packer	Tubercular meningitis

Sanitary District No. 7—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age		Occupation	Cause of Death
Sep. 7	11, Iron Street	M	1¼ years	F	Labourer	Muco-enteritis
,, 7	56, Nelson Street	M	61 years		Tailor	Atrophy
,, 8	15, Flag Row	F	46 years	H	Rope maker	Albuminuria
,, 10	23, Dimity Street	F	71 years		Widow	Natural decay
,, 10	102, Ashley Lane	M	44 years		Beerseller	Apoplexy
,, 18	25, Pilling Street	M	1 month	F	Painter	Convulsions
,, 22	23, Back Bilberry Street	M	10 months	F	Labourer	Congenital syphilis
,, 24	28, Limer Street	M	14 days	F	Gasman	Weakness
,, 28	46, Burton Street	F	11 months	F	Tailor	Marasmus
,, 29	32, Lower Tebbutt Street	F	23 years	H	Paper hanger	Wilful murder
Oct. 1	6, Milan Street	M	10 months	F	Dyer	Diarrhœa
,, 5	24, Back Irk Street	F	50 years	H	Scavenger	Fell down stairs drunk
,, 11	13, Dimity Street	M	8 months	F	Carter	Bronchitis
,, 15	15, Limer Street	F	22 years	F	Labourer	Tuberculosis
,, 15	1, Back Bilberry Street	M	1½ years	F	Carter	Lobular pneumonia
,, 23	11, Flag Row	M	1½ years	F	Pipe maker	Bronchitis
,, 25	7, Glover Street	F	6 weeks	F	Mechanic	Convulsive fit
,, 29	34, Back St. George's Road	F	11 months	F	Knocker-up	Marasmus
Nov. 2	36, Dalton Street	F	10 months	F	Iron driller	Measles
,, 7	13, Nelson Street	M	6 weeks	F	Musician	Convulsive fit
,, 12	21, Tebbutt Street	M	6 months	F	Stoker	Bronchitis
,, 12	12, Back Nelson Street	F	1¾ years	F	Labourer	Febris rubra
,, 12	46, Lower Tebbutt Street	F	1 year	F	Labourer	Bronchitis
,, 16	29, Flag Row	F	7 weeks	F	Warehouseman	Do.
,, 30	6, Dimity Street	M	6 months	F	Labourer	Pneumonia
Dec. 3	4, Olive Street	F	1½ years	F	Shoemaker	Tabes mesenterica
,, 8	18, Knoll Street	F	40 years		Widow	Serous apoplexy
,, 10	189, Rochdale Road	M	28 years		Greengrocer	Bronchitis
,, 14	18, Lower Tebbutt Street	M	54 years		Labourer	Do.
,, 18	15, Pilling Street	M	45 years		Cabinet maker	Apoplexy
,, 20	10, Back St. George's Road	F	72 years		Widow	Chronic bronchitis

Ages at Death

All under 1 year	32	
„ 2 years	43	
„ 3 „	45	
„ 4 „	50	
„ 5 „	51	= 51
All between 5 and 10 years, including the first term		2
„ 10 „ 20 „ „ „		2
„ 20 „ 30 „ „ „		8
„ 30 „ 40 „ „ „		3
„ 40 „ 50 „ „ „		11
„ 50 „ 60 „ „ „		10
„ 60 „ 70 „ „ „		9
„ 70 „ 80 „ „ „		4
„ 80 „ 90 „ „ „		1
Total deaths		101

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	31·68	Under 4 years	49·50
„ 2 years	42·57	„ 5 „	50·49
„ 3 „	44·55		
Between 5 and 10 years	1·98	Between 50 and 60 years	9·90
„ 10 „ 20 „	1·98	„ 60 „ 70 „	8·91
„ 20 „ 30 „	7·92	„ 70 „ 80 „	3·96
„ 30 „ 40 „	2·97	„ 80 „ 90 „	·99
„ 40 „ 50 „	10·89		

Deaths per 1,000 *of the mean population* (4,005) *at different ages*

Under 1 year	7·99	Under 4 years	12·48
„ 2 years	10·73	„ 5 „	12·73
„ 3 „	11·23		
Between 5 and 10 years, including the first term	·49	Between 50 and 60 years, including the first term	2·49
„ 10 „ 20 „	·49	„ 60 „ 70 „	2·24
„ 20 „ 30 „	1·99	„ 70 „ 80 „	·99
„ 30 „ 40 „	·74	„ 80 „ 90 „	·24
„ 40 „ 50 „	2·74		

SANITARY DISTRICT No. 7—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Jan. 18	2, Dalton Street	F	1 year	Dyer	Febris rubra
Aug. 25	8, William Street	M	3 years	Labourer	Scarlatina
Nov. 12	12, Back Nelson Street	F	1¾ years	Labourer	Febris rubra

Typhus and Typhoid Fever

None

Measles

Mar. 10	18, Dalton Street	M	3¾ years	Hatter	Morbilli
,, 25	17, King Street	F	2½ years	Hawker	Rubeola
July 27	83, Collyhurst Road	M	1¼ years	Iron turner	Morbilli
Nov. 2	36, Dalton Street	F	10 months	Iron driller	Measles

Whooping Cough

Apl. 1	6, Milan Street	M	3¾ years	Labourer	Pertussis
,, 6	34, Pilling Street	M	2 months	Joiner	Do.
,, 29	16, Silver Street	F	1 year	Iron polisher	Do.

Diphtheria

None

Diarrhœa

Aug. 1	7, Williamson Street	M	7 months	Labourer	Diarrhœa
,, 7	32, Portland Street	M	4 years	Tailor	Do.
,, 22	23, Parker Street	F	62 years	Labourer	Do.
Oct. 1	6, Milan Street	M	10 months	Dyer	Do.

Diseases of Lungs

Pneumonia and Acute Bronchitis

1879					
Dec. 30	1, Parker Street	F	3 years	Gasman	Pneumonia
Jan. 6	3, Birchall Street	F	53 years	Widow	Bronchitis
,, 26	38, Portland Street	F	9 months	Charwoman	Do.
Feb. 1	76, Dalton Street	M	9 months	Hatter	Do.
,, 12	17, Tebbutt Street	F	48 years	Tailor	Do.
,, 22	23, Water Street	M	70 years	Warehouseman	Do.
,, 28	18, Flag Row	M	11 months	Chair maker	Do.
Mar. 3	30, Nelson Street	F	47 years	Engine tenter	Do.
Apl. 25	15, Hancock Street	M	2½ years	Joiner	Do.
,, 26	14, Portland Street	F	57 years	Finisher	Acute bronchitis

Sanitary District No. 7—Causes of Death, 1880—continued

Pneumonia and Acute Bronchitis—continued

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
May 21	5, Back Water Street	M	16 months	F Porter	Bronchitis
June 12	32, Dalton Street	M	10 months	F Blacksmith	Do.
July 5	11, King Street	F	5½ years	F Tailor	Inflammation of lungs
Sep. 1	7, Bromley Street	M	57 years	Labourer	Bronchitis
,, 7	9, Back Bilberry Street	M	31 years	Packer	Tubercular meningitis
Oct. 11	13, Dimity Street	M	8 months	F Carter	Bronchitis
,, 15	15, Limer Street	F	22 years	F Labourer	Tuberculosis
,, 15	1, Back Bilberry Street	M	1½ years	F Carter	Lobular pneumonia
,, 23	11, Flag Row	M	1½ years	F Pipe maker	Bronchitis
Nov. 12	21, Tebbutt Street	M	6 months	F Stoker	Do.
,, 12	46, Lower Tebbutt Street	F	1 year	F Labourer	Do.
,, 16	29, Flag Row	F	7 weeks	F Warehouseman	Do.
,, 30	6, Dimity Street	M	6 months	F Labourer	Pneumonia
Dec. 10	189, Rochdale Road	M	38 years	Greengrocer	Bronchitis
,, 14	18, Lower Tebbutt Street	M	54 years	Labourer	Do.

Chronic Bronchitis

Feb. 18	201, Rochdale Road	F	63 years	H Dyer	Chronic bronchitis
Dec. 20	10, Back St. George's Road	F	72 years	Widow	Do.

Phthisis Pulmonalis

Jan. 3	3, Booth's Court	M	22 years	Labourer	Phthisis
Mar. 8	141, Rochdale Road	M	23 years	Labourer	Do.
Apl. 2	38, Dimity Street	M	41 years	Packer	Do.
May 12	13, Tebbutt Street	F	67 years	H Brushmaker	Do.
,, 29	15, Bilberry Street	M	55 years	Labourer	Do.
July 26	27, Tebbutt Street	M	66 years	Fish dealer	Do.
Aug. 1	35, Water Street	M	26 years	Tripe dresser	Do.
,, 31	23, Water Street	M	28 years	Station master	Do.

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

1879					
Dec. 24	36, Tebbutt Street	F	10 days	F Cooper	Convulsions
1880					
May 7	149, Rochdale Road	F	4 months	F Watchmaker	Do.
,, 30	1, Gaskill's Court	F	5 weeks	M Milliner	Do.
June 15	2, William Street	F	9 days	F Case maker	Do.
July 19	5, Iron Street	M	3 days	F Wire dresser	Do.
,, 31	112, Ashley Lane	M	9 months	F Warehouseman	Do.
Sep. 18	25, Pilling Street	M	1 month	F Painter	Do.

Sanitary District No. 7—Causes of Death, 1880—continued

Laryngismus Stridulus

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Mar. 16	29, Tebbutt Street	M	7 months	F Blacksmith	Laryngismus stridulus

Hydrocephalus

Jan. 30	13, Back Bilberry Street	F	5 years	F Cotton sorter	Meningitis
Apl. 23	10, Frederick Place	F	1½ years	F Labourer	Hydrocephalus

Apoplexy

Sep. 10	102, Ashley Lane	M	44 years	Beerseller	Apoplexy

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Feb. 21	38, Back St. George's Road	F	1¼ years	M Servant	Tabes mesenterica
Apl. 16	9, Charlotte Street	M	8 months	F Carter	Do.
June 13	22, Dimity Street	M	80 years	Weaver	Senile decay
Aug. 24	30, Dalton Street	M	65 years	Tailor	Senile debility
Sep. 7	56, Nelson Street	M	61 years	Tailor	Atrophy
„ 10	23, Dimity Street	F	71 years	Widow	Natural decay
„ 24	28, Limer Street	M	14 days	F Gasman	Weakness
„ 28	46, Burton Street	F	11 months	F Tailor	Marasmus
Oct. 29	34, Back St. George's Road	F	11 months	F Knocker-up	Do.
Dec. 3	4, Olive Street	F	1½ years	F Shoemaker	Tabes mesenterica

Premature Birth

Aug. 24	27, Dimity Street	F	1 day	F Clog iron cutter	Premature birth

Diseases of Heart

Mar. 6	30, Pilling Street	F	61 years	H Warehouseman	Morbus cordis
„ 15	5, Twemlow Street	F	47 years	H Hawker	Do.
May 3	8, Bilberry Street	M	71 years	Wheelwright	Do.

Diseases of Kidneys

Feb. 13	5, Flag Row	F	3¼ years	F Spindle maker	Acute nephritis
Aug. 1	60, Portland Street	F	52 years	H Publican	Bright's disease
Sep. 8	15, Flag Row	F	46 years	H Rope maker	Albuminuria

Diseases of Bowels

Jan. 11	199, Rochdale Road	F	32 years	H Pot dealer	Gastro-enteritis
Sep. 7	11, Iron Street	M	1¼ years	F Labourer	Muco-enteritis

Sanitary District No. 7—Causes of Death, 1880—continued

Diseases of Brain

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
June 2	18, Parker Street	F	9 months	F Engine tenter	Encephalitis

Diseases of Liver

Feb. 26	11, Birchall Street	F	43 years	H Superintendent	Cirrhosis hepatis
June 2	111, Rochdale Road	F	42 years	H Publican	Hepatic disease

Cancerous Diseases

Apl. 18	23, Collyhurst Road	F	63 years	H Timekeeper	Cancer rectum
July 3	143, Rochdale Road	F	47 years	H Provision dealer	Carcinoma mammæ

Infantile Syphilis

Feb. 3	101, Rochdale Road	F	12 days	F Butcher	Congenital syphilis
Sep. 22	23, Back Bilberry Street	M	10 months	F Labourer	Do.

Pleurisy

May 1	36, Dalton Street	M	51 years	Labourer	Pleurisy
Aug. 1	8, Bromley Street	M	61 years	Labourer	Do.

Coroner's Inquests

Jan. 8	29, Gould Street	F	30 years	H Labourer	Natural disease
„ 18	2, Gaskill's Court	M	11 years	F Gas stoker	Natural causes
„ 27	Tebbutt Street	M	12 years	F Labourer	Run over by a lurry
Mar. 11	8, Glover Street	M	54 years	Slipper maker	Knocked down by a cart
„ 16	Charlotte Street	M	28 years	Labourer	Hanged himself
Aug. 4	14, Glover Street	M	3 months	F Sawyer	Convulsive fit
„ 22	1, Silver Street	F	52 years	H Labourer	Fall down stairs
Sep. 29	32, Lower Tebbutt Street	F	23 years	H Paper hanger	Wilful murder
Oct. 5	24, Back Irk Street	F	50 years	H Scavenger	Fell down stairs drunk
„ 25	7, Glover Street	F	6 weeks	F Mechanic	Convulsive fit
Nov. 7	13, Nelson Street	M	6 weeks	F Musician	Do.
Dec. 8	18, Knoll Street	F	40 years	Widow	Serous apoplexy
„ 18	15, Pilling Street	M	45 years	Cabinet maker	Apoplexy

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes,* 9·90

Special Forms of Zymotic Diseases

Fever (typhus and typhoid)...	—	Whooping cough	2·97
Scarlet fever	2·97	Smallpox	—
Measles	3·96	Diphtheria	—

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	3·96	Diseases of debility	9·90
		Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	9·90
Diseases of lungs	34 65		
Pneumonia and acute bronchitis	24·75	Apoplexy	·99
Laryngitis	—	Premature birth	·99
Chronic bronchitis	1·98	Diseases of heart	2·97
Phthisis pulmonalis	7·92	Diseases of kidneys	2·97
Infantile tuberculosis	—	Diseases of bowels	1 98
		Diseases of brain	·99
Diseases of nervous system ...	9·90	Diseases of liver.	1·98
Convulsions	6·93	Cancerous diseases	1·98
Hydrocephalus	1·98	Infantile syphilis	1·98
Laryngismus stridulus	·99	Pleurisy.....	1·98
Nervous exhaustion	—	Coroner's inquests.....	12·87

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 2·47

Fever (typhus and typhoid)...	—	Whooping cough	·74
Scarlet fever	·74	Smallpox	—
Measles	·99	Diphtheria.....	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	·99
Diseases of lungs	8·72
Pneumonia and acute bronchitis	6·24
Laryngitis	—
Chronic bronchitis	·49
Phthisis pulmonalis	1·99
Infantile tuberculosis	—
Diseases of nervous system	2·47
Convulsions	1·74
Hydrocephalus	·49
Laryngismus stridulus	·24
Nervous exhaustion	—
Diseases of debility	2·49
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	2·49
Apoplexy	·24
Premature birth	·24
Diseases of heart	·74
Diseases of kidneys	·74
Diseases of bowels	·49
Diseases of brain	·24
Diseases of liver	·49
Cancerous diseases	·49
Infantile syphilis	·49
Pleurisy	·49
Coroner's inquests	3·24

Richd. A. Barlow.

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 8

Boundaries

Rochdale Road
Brydonville Street
River Irk
Dalton Street
Barlow Street

Sanitary Sub-Districts included within No. 8 Sanitary District

Number 34 (northern half)
" 36 (northern half)
" 37
Number 38
" 39
" 40

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1881.

No. 8 Sanitary District contains the following Streets:—

Collyhurst Road
Burton's Buildings
Back Burton's Buildings
Delph Street
William Street
Barlow Street, Newtown
Buckley St., Newtown
Back Buckley Street, Newtown
Vauxhall Street
Bratt Street
Bebbington Street
Appleton Street
Smith's Buildings
Providence Place
Buckley's Buildings
Keats Street
Keat's Place
Rock Street
Quarry Street
Rock View
Rochdale Road
Barlow Street
Jones Street
Beaver Street
Blackburn Street
Back Preston Street
Preston Street
Barrow's Square
Buckley Street, Rochdale Road
Meadow Street
Birtles Street
Worth Street
Heelis Street
Davy Street
Coulman Street
Burton Street
Dalton Street
Almond Street
Raw Street
Sand Street
Bronze Street
Back Buckley Street, Rochdale Road
Rhoda Street
Providence Place
Brass Street
Tin Street
Vauxhall Street
Copper Street
Susan Street
Law Street
Zinc Street
Upper Vauxhall Street
Eliza Ann Street
Gorton Street
Sterling Street
Wilkinson Street
Mary Ellen Street
Jane Street
Haughton Street
Norman Street
Brydonville Street

The Streets arranged according to their Width

	ft.	in.
Rochdale Road	55	6
Collyhurst Road	46	2
Rochdale Road	40	0
Delph Street	39	0
Back Buckley Street, Rochdale Road	37	0
Preston Street	36	6
Dalton Street	36	4
Buckley Street, Rochdale Road	36	0
Birtles Street	35	10
Copper Street	35	10
Barlow Street, Rochdale Rd.	35	0
Collyhurst Road	34	0
Barlow Street, Collyhurst Rd.	31	0
Brydonville Street	31	0
Sand Street	30	9
Coulman Street	30	7
Raw Street	30	5
Davy Street	30	4
Keats Street	30	4
Providence Place, Rochdale Road	30	4
Rock Street	30	4
Brass Street	30	2
Vauxhall Street, Rochdale Road	30	2
Appleton Street	30	0
Beaver Street	30	0
Keat's Terrace	30	0
Norman Street	30	0
Rock View	30	0
Tin Street	30	0
Vauxhall Street, Collyhurst Road	30	0
Zinc Street	30	0
Bronze Street	29	10
Gorton Street	29	10
Sterling Street	29	10
Meadow Street	29	8
Blackburn Street	29	6
Rhoda Street	29	6
Delph Street	28	9
Buckley Street, Rochdale Road	28	0
Eliza Ann Street	27	0
Upper Vauxhall Street	26	6
Burton's Buildings	25	10
Burton Street	25	0
Rhoda Street	24	6
Jane Street	24	4
Law Street	24	4
Providence Place, Collyhurst Road	24	4
Almond Street	24	2
Barlow Street, Rochdale Rd.	24	0
Buckley Street, Collyhurst Road	24	0
Haughton Street	24	0
Mary Ellen Street	24	0
Norman Street	24	0
Susan Street	24	0
Wilkinson Street	24	0
Worth Street	24	0
Heelis Street	23	10
Bebbington Street	23	9
Bratt Street	23	9
Back Buckley Street, Collyhurst Road	23	8
Barrow's Square	20	1
Smith's Buildings	17	5
Jones Street	14	7
Back Burton's Buildings	13	4
Back Preston Street	12	0
William Street, Barlow Street, Newtown	9	0
Back Burton's Buildings	7	0
Quarry Street—one side only		
Buckley's Buildings, Rochdale Road—one side only		

The Streets arranged Alphabetically

Almond Street
Appleton Street
Back Buckley Street
Back Buckley Street, Rochdale Road
Bk. Burton's Buildings
Back Preston Street
Barlow Street
Barlow Street, Newtown
Barrow's Square
Beaver Street
Bebbington Street
Birtles Street
Blackburn Street
Brass Street
Bratt Street
Bronze Street
Brydonville Street
Buckley St., Newtown
Buckley's Buildings
Buckley Street, Rochdale Road
Burton's Buildings
Burton Street
Collyhurst Road
Copper Street
Coulman Street
Dalton Street
Davy Street
Delph Street
Eliza Ann Street
Gorton Street
Haughton Street
Heelis Street
Jane Street
Jones Street
Keats Street
Keat's Place
Law Street
Mary Ellen Street
Meadow Street
Norman Street
Preston Street
Providence Place, Collyhurst Road
Providence Place, Rochdale Road
Quarry Street
Raw Street
Rhoda Street
Rock Street
Rock View
Rochdale Road
Sand Street
Smith's Buildings
Sterling Street
Susan Street
Tin Street
Upper Vauxhall Street
Vauxhall Street, Collyhurst Road
Vauxhall Street, Rochdale Road
Wilkinson Street
William Street
Worth Street
Zinc Street

Altitudes above the Sea Level

	ft.	in.
Bolt-mark, corner of Delph Street and Collyhurst Road ...	100	1
,, bottom of Dalton Street	101	6
,, corner of Vauxhall Street and Collyhurst Road..	105	6
,, half way up Vauxhall Street, Collyhurst Road..	122	2
,, corner of Copper Street and Rochdale Road ...	133	7
,, ,, Preston Street and Rochdale Road.....	179	7
Centre of Rochdale Road on Railway Bridge.....	184	0

Sewers

The foundation rocks on which the subsoil rests are the outcropping edges of the upper members of the Manchester coalfield, including the coalfields of

Blackley, Clayton, and Bradford; these rise immediately from under the Permian sandstone which is exhibited in the sand delph of Sir E. Buckley, at Collyhurst.

The slope of the north-eastern half of the district is towards Moston Brook, and the south-western half slopes towards the river Irk.

The railway passage sewer drains that portion of the district which lays between the railway and Rochdale Road.

The Buckley Street sewer drains Buckley Street and Worth Street, probably passing down Coulman Street into the Irk. The City Surveyor's maps do not indicate the further flow of this sewer.

The Collyhurst Road sewer receives the flow of Barlow Street, Buckley Street, and Vauxhall Street, flowing into the Irk opposite the end of Delph Street.

Owing to the regular incline of the district, it presents very favourable conditions for drainage. Rochdale Road descends on each side of the railway bridge, while Barlow Street and Dalton Street incline very decidedly to the Irk, and Brydonville Street slopes to the Moston Brook and the Irk.

Houses

The greater part of the houses in this district have been built since 1850, and more than seven-eighths since 1830. The remainder were built before 1830

There are some back-to-back houses in Back Preston Street, and some old houses in Burton's Buildings, Collyhurst Road.

The width of the streets ranges from 55ft. 6in. to 7ft., the greater number being from 24ft. to 30ft. wide. A number of them are made in accordance with the bye-law of the Council of the city of Manchester, 1868, which requires a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two storeys. Each house erected since 1868 has an open yard or area containing at least 70 square feet, in accordance with bye-law No. 11.

The passages vary in width, those passing through newly-erected property are wide; but the passages of the property which was built prior to 1868 are narrow, and in many cases the spaces between the backs of the houses is small and insufficient.

The streets are paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick.

The streets enumerated within this district contain, according to actual counting, 1,423 houses (*Bastow*). The number contained in the Overseers' books for the year 1880-81 was 1,408, of which 101 were unoccupied, leaving 1,307 as inhabited houses.

Places of Worship

St. Catherine's, Church of England..... Collyhurst Road

Schools

St. Catherine's Day and Sunday Schools Copper Street
St. Oswald's Mission School ..... Gorton Street
St. Catherine's Day and Sunday Schools Collyhurst Road

Works

T. Rushworth & Son, Brush Works ... Beaver Street
J. Carrington, Clay Pipe Works ..... Preston Street
D. Mills & Son, Vauxhall Hat Works Bronze Street
William Raw, Building Broker..... Sand Street
Thomas Birtles, Building Broker ..... Sand Street
Ashworth Brothers, Engineers ..... Rock Street
Hassall & Holroyd, Organ Works..... Collyhurst Road
Walton & Co., Dyers ..... Collyhurst Road
John Appleton, Dye Wood Mill ..... Collyhurst Road
The Collyhurst Finishing Company ... Collyhurst Road
Campbell & Redmayne, Tarpaulin Works ..... Collyhurst Road
J. Valentine, Travis Isle Corn Mill ... Collyhurst Road
Thomas Tabberner, Oil Works ..... Vauxhall Street, Collyhurst Road

Warehouse

William Berry, Blacking Warehouse ... Tin Street

Data POPULATION

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 8 Sanitary District contained, according to the Overseers' books for the current year, 1,307 inhabited houses, this number multiplied by 5·01 will give as the number of inhabitants	6,548
Multiplied by 4·95 the number will be	6,469
Multiplied by 4·82 the number will be	6,299
The mean of these three estimates is	6,439

Which will tolerably represent the population of the district.

The part of Rochdale Road in this district is inhabited by shopkeepers; part of the population is employed in the manufacture of tobacco pipes, another part work for the Lancashire and Yorkshire Railway Company, who have large works in the neighbourhood, and others work at the Gas Works. As a rule the population of this district is thrifty.

Sanitary District No. 8

Mortality

From the 30th December, 1879, to 21st December, 1880, inclusive, the number of deaths in the district from all causes, in the homes of the people, was 138.

Death Rate

According to the population estimated by the average city rate of occupation 138 deaths would give a rate per 1,000 of	21·07
According to the township rate of occupation	21·33
According to the registration sub-district rate	21·90
The mean of these three estimates of population	21·43

Details of Deaths, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 30	6, Stirling Street	F	1½ years	F Carter	Pneumonia
1880					
Jan. 3	491, Rochdale Road	F	16 months	F Clogger	Pertussis
„ 5	449, Rochdale Road	M	30 years	Engine fitter	Epileptiform convulsions
„ 10	4, Bronze Street	M	34 years	Labourer	Phthisis
„ 10	77, Burton Street	F	60 years	Widow	Cerebral hæmorrhage
„ 20	7, Jones Street	M	2¼ years	F Porter	Bronchitis
„ 23	11, Buckley Street	F	62 years	H Carter	Phthisis
„ 25	9, Wilkinson Street	F	62 years	Widow	Chronic bronchitis
„ 25	10, Eliza Ann Street	F	6 weeks	F Slater	Premature birth
„ 27	337, Rochdale Road	F	64 years	Housekeeper	Bronchitis
„ 27	12, Heelis Street	F	2 years	F Labourer	Pneumonia
„ 29	12, William Street	F	62 years	H Traveller	Bronchitis
„ 30	5, Bebbington Street	F	5 months	F Labourer	Pyœmia
Feb. 1	20, Rhoda Street	F	52 years	H Gardener	Bronchitis
„ 2	305, Rochdale Road	F	7 years	F Potatoe dealer	Laryngitis
„ 6	7, Eliza Ann Street	M	10 months	F Moulder	Pertussis
„ 7	11, Keats Street	F	73 years	H Dyer	Cardiac disease
„ 9	24, Buckley Street	M	68 years	Porter	Bronchitis
„ 9	119, Collyhurst Road	F	25 years	Housekeeper	Phthisis
„ 12	12, Back Preston Street	M	9 months	F Labourer	Hydrocephalus
„ 20	4, Mary Ellen Street	F	48 years	H Brush maker	Gastritis
„ 23	459, Rochdale Road	F	39 years	H Undertaker	Pneumonia
„ 23	34, Sand Street	M	10 days	F Dyer	Convulsions

Sanitary District No. 8—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Feb. 27	60, Buckley Street	F	3½ years	F Chair maker	Scarlatina
,, 27	41, Sand Street	M	58 years	Shoemaker	Tuberculosis
Mar. 2	5, Back Buckley Street	F	69 years	H Newsagent	Bronchitis
,, 3	31, Birtles Street	F	4¼ years	F Clogger	Cancrum oris
,, 6	43, Burton Street	M	5 months	F Carter	Bronchitis
,, 9	22, Gorton Street	M	7 weeks	F Tailor	Convulsions
,, 10	7, Sand Street	M	43 years	Slipper maker	Bronchitis
,, 12	6, Haughton Street	M	1 day	F Gasman	Asthenia
,, 14	48, Burton Street	F	36 years	H Labourer	Phthisis
,, 15	30, Back Preston Street	M	8 months	F Shoemaker	Congenital syphilis
,, 15	18, Eliza Ann Street	F	28 years	Brush maker	Typhoid fever
,, 20	3, Law Street	M	1½ years	F Policeman	Scarlatina
Apl. 5	23, Copper Street	M	66 years	Sack dealer	Bronchitis
,, 6	9, Zinc Street	F	5 months	F Carter	Tabes mesenterica
,, 8	4, Burton's Buildings	F	14 months	F Hawker	Rubeola
,, 11	3, William Street	F	11 months	F Finisher	Cerebral effusion
,, 11	13, Eliza Ann Street	F	1 year	F Joiner	Pneumonia
,, 15	36, Sand Street	F	3½ years	F Fitter	Phthisis
,, 19	171, Collyhurst Road	F	70 years	H Fustian cutter	Chronic bronchitis
,, 19	6, Blackburn Street	M	13 months	F Tailor	Pertussis
,, 20	3, Upper Vauxhall Street	M	42 years	Warehouseman	Chronic nephritis
,, 23	21, Burton Street	M	4 months	F Warehouseman	Marasmus
May 1	177, Collyhurst Road	F	37 years	F Publican	Paralysis
,, 1	141, Collyhurst Road	M	8 days	F Warehouseman	Intus-susception of bowels
,, 15	30, Buckley Street	F	8 months	F Fitter	Bronchitis
,, 20	19, Burton Street	F	2 years	F Traveller	Scarlatina
,, 22	35, Birtles Street	M	50 years	Store dealer	Spasmodic asthma
,, 27	18, Heelis Street	F	4 months	F Carter	Convulsive fit
,, 29	1, Buckley Street	F	2½ months	F Slipper maker	Do.
,, 30	56, Collyhurst Road	M	59 years	Tailor	Bronchitis
,, 31	42, Burton Street	M	10 months	F Tailor	Encephalitis
June 1	1, Buckley Street	F	2 years	F Slipper maker	Rubeola
,, 6	7, Copper Street	F	1½ years	F Case maker	Pertussis
,, 7	24, Back Buckley Street	F	35 years	H Maker-up	Phthisis
,, 8	10, Sand Street	F	13 months	F Porter	Pertussis
,, 10	11, Back Buckley Street	M	81 years	Tea dealer	General decay
,, 12	22, Barlow Street	M	10 months	F Beerseller	Pertussis
,, 14	7, Sand Street	F	8 months	F Labourer	Rubeola
,, 19	19, Zinc Street	M	8 months	F Policeman	Pertussis
,, 19	20, Back Buckley Street	M	2¼ years	F Spring fitter	Icterus
,, 20	8, Blackburn Street	M	40 years	Skin dresser	Phthisis
,, 22	13, Copper Street	M	2 years	F Clerk	Bronchitis
,, 22	54, Collyhurst Road	M	13 months	F Dyer	Encephalitis
,, 23	7, Dalton Street	F	56 years	H Mason	Diarrhœa
,, 24	8, Rock Street	F	11 weeks	F Porter	Pertussis
,, 26	16, Sand Street	F	11 months	F Shoemaker	Diarrhœa

Sanitary District No. 8—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
June 29	47, Burton Street	F	72 years	H Miner	Bronchitis
,, 29	13, Blackburn Street	F	28 years	H Labourer	Epilepsy
July 7	206, Collyhurst Road	F	43 years	Housekeeper	Bronchitis
,, 10	29, Copper Street	F	55 years	H Printer	Paralysis
,, 19	14, Providence Street	M	40 years	Labourer	Anasarca
,, 28	12, Almond Street	F	1 month	F Hawker	Convulsions
,, 31	21, Almond Street	F	49 years	H Shoemaker	Broncho-pneumonia
Aug. 5	257, Rochdale Road	M	4 years	F Baker	Scarlet fever
,, 5	3, Delph Street	F	2 months	F Labourer	Congenital delibity
,, 5	54, Birtles Street	M	3 weeks	F Porter	Convulsions
,, 11	2, Raw Street	M	39 years	Labourer	Phthisis
,, 12	10, Vauxhall Street	M	75 years	Labourer	Apoplexy
,, 14	4, Providence Place	M	11 months	F Maker-up	Tuberculosis
,, 15	27, Almond Street	F	7 months	F Wood carver	Bronchitis
,, 20	6, Bronze Street	M	1½ years	F Baker	Diarrhœa
,, 21	8, Brass Street	M	10 months	F Porter	Bronchitis
,, 21	52, Burton Street	M	13 months	F Cabinet maker	Convulsions
,, 23	1, Keats Street	M	13 weeks	F Carter	Convulsive fit
,, 24	24, Keats Street	M	5 weeks	F Law writer	Diarrhœa
,, 25	59, Eliza Ann Street	M	65 years	Iron fitter	Chronic cystitis
,, 25	11, Susan Street	F	7 months	F Gas stoker	Diarrhœa
,, 28	15, Raw Street	M	19 months	F Miller	Do.
Sep. 3	209, Collyhurst Road	F	2¼ years	F Stoker	Measles
,, 4	22, Copper Street	F	4 months	F Broker	Diarrhœa
,, 5	11, Raw Street	M	15 months	F Labourer	Tubercular meningitis
,, 5	268, Collyhurst Road	M	5 months	F Bootmaker	Diarrhœa
,, 6	39, Burton Street	M	16 years	F Labourer	Phthisis
,, 6	369, Rochdale Road	F	39 years	H Slipper maker	Natural causes
,, 7	37, Birtles Street	F	59 years	Widow	Accidental death
,, 7	14, Raw Street	M	6 months	F Pattern maker	Bronchitis
,, 10	3, Almond Street	M	3½ years	F Flour dealer	Tabes mesenterica
,, 12	7, Jones Street	F	1¾ years	F Hawker	Convulsions
,, 14	287, Rochdale Road	M	9 months	F Tinman	Tubercular meningitis
,, 15	323, Rochdale Road	M	47 years	Draper	Ulceration of bowels
,, 17	9, Meadow Street	F	4 years	F Stoker	Tuberculosis
,, 24	17, Keats Street	M	5months	F Labourer	Diarrhœa
,, 24	51, Britles Street	M	6 days	F Iron driller	Asthenia
,, 24	4, Almond Street	M	1 day	F Porter	Convulsions
,, 25	17, Buckley Street	M	3 weeks	F Labourer	Bronchitis
,, 27	14, Brass Street	M	18 years	Labourer	Pneumonia
,, 28	244, Collyhurst Road	F	14 years	F Basket maker	Aortic obstruction
,, 29	6, Keats Street	F	11 years	F Labourer	Hip joint disease
,, 30	29, Appleton Street	F	20 years	F Blacksmith	Bronchitis
Oct. 1	25, Rhoda Street	F	2 days	F Maker-up	Convulsions
,, 4	30, Keats Street	F	35 years	Widow	Parturitiou peritonitis
,, 6	7, Vauxhall Street	M	4 months	F Warehouseman	Atrophy

Sanitary District No. 8—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age		Occupation	Cause of Death
Oct. 6	36, Eliza Ann Street	F	4½ years	F	Cork cutter	Encephalitis
„ 10	4, Keats Terrace	M	10 months	F	Townsman	do.
„ 11	4, Burton Street	M	15 months	F	Weaver	Tabes mesenterica
„ 11	57, Dalton Street	M	1¼ years	F	Button maker	Tuberculosis
„ 13	245, Rochdale Road	M	39 years		Beerseller	Cirrhosis of liver
„ 18	10, Mary Ellen Street	M	22 years		Porter	Phthisis
„ 20	21, Keats Street	F	24 years		Hawker	Rupture of spleen
„ 22	26, Worth Street	M	6½ years	F	Blind maker	Typhoid fever
„ 22	27, Burton Street	M	46 years		Butcher	Phthisis
„ 25	5, Meadow Street	M	14 days	F	Labourer	Atrophy
„ 26	11, Blackburn Street	M	5 months	F	Labourer	Bronchitis
„ 30	30, Keats Street	F	5 weeks	F	Maker-up	Atrophy
Nov. 3	20, Sand Street	M	51 years		Iron turner	Phthisis
„ 11	6, Worth Street	M	54 years		Maker-up	Pneumonia
„ 19	60, Buckley Street	M	6½ years	F	Chair maker	Albuminuria
„ 26	272, Collyhurst Road	F	12½ years	F	Warehouseman	Chronic bronchitis
„ 27	34, Bebbington Street	M	2 years	F	Furrier	Pertussis
Dec. 2	20, Heelis Street	M	2¾ years	F	Hawker	Pneumonia
„ 5	25, Keats Street	F	25 years	H	Hawker	Phthisis
„ 5	26, Meadow Street	M	58 years		Tailor	Natural causes
„ 14	28, Burton Street	F	2¼ years	F	Painter	Tubercular meningitis
„ 16	39, Almond Street	M	10 years	F	Excavator	Run over by a lurry
„ 21	17, Law Street	F	1¼ years	F	Painter	Tubercular meningitis

Ages at Death

All under 1 year	43	
„ 2 years	61	
„ 3 „	72	
„ 4 „	75	
„ 5 „	79 =	79
All between 5 and 10 years, including the first term		2
„ 10 „ 20 „ „ „		6
„ 20 „ 30 „ „ „		7
„ 30 „ 40 „ „ „		10
„ 40 „ 50 „ „ „		9
„ 50 „ 60 „ „ „		15
„ 60 „ 70 „ „ „		5
„ 70 „ 80 „ „ „		4
„ 80 „ 90 „ „ „		1
Total deaths		138

Death per 100 *of the total number of deaths at different ages*

Under 1 year	31·15	Under 4 years	54·34
„ 2 years	44·20	„ 5 „	57·24
„ 3 „	52·17		
Between 5 and 10 years	1·44	Between 50 and 60 years	10·86
„ 10 „ 20 „	4·34	„ 60 „ 70 „	3·62
„ 20 „ 30 „	5·07	„ 70 „ 80 „	2·89
„ 30 „ 40 „	7·24	„ 80 „ 90 „	·72
„ 40 „ 50 „	6·52		

Deaths per 1,000 *of the mean population* (6,439) *at different ages*

Under 1 year	6·67	Under 4 years	11·64
„ 2 years	9·47	„ 5 „	12·26
„ 3 „	11·18		
Between 5 and 10 years, including the first term	·31	Between 50 and 60 years, including the first term	2·32
„ 10 „ 20 „	·93	„ 60 „ 70 „	·77
„ 20 „ 30 „	1·08	„ 70 „ 80 „	·62
„ 30 „ 40 „	1·55	„ 80 „ 90 „	·15
„ 40 „ 50 „	1·38		

SANITARY DISTRICT No. 8—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Feb. 27	60, Buckley Street	F	3½ years	F Chair maker	Scarlatina
Mar. 20	3, Law Street	M	1½ years	F Policeman	Do.
May 20	19, Burton Street	F	2 years	F Traveller	Do.
Aug. 5	257, Rochdale Road	M	4 years	F Baker	Scarlet fever

Typhus and Typhoid Fever

Mar. 15	18, Eliza Ann Street	F	28 years	Brush maker	Typhoid fever
Oct. 22	26, Worth Street	M	6½ years	F Blind maker	Do.

Measles

Apl. 8	4, Burton's Buildings	F	14 months	F Hawker	Rubeola
June 1	1, Buckley Street	F	2 years	F Slipper maker	Do.
„ 14	7, Sand Street	F	8 months	F Labourer	Do.
Sep. 3	209, Collyhurst Road	F	2¼ years	F Stoker	Measles

Whooping Cough

Jan. 3	491, Rochdale Road	F	16 months	F Clogger	Pertussis
Feb. 6	7, Eliza Ann Street	M	10 months	F Moulder	Do.
Apl. 19	6, Blackburn Street	M	13 months	F Tailor	Do.
June 6	7, Copper Street	F	1½ years	F Case maker	Do.
„ 8	10, Sand Street	F	13 months	F Porter	Do.
„ 12	22, Barlow Street	M	10 months	F Beerseller	Do.
„ 19	19, Zinc Street	M	8 months	F Policeman	Do.
„ 24	8, Rock Street	F	11 weeks	F Porter	Do.
Nov. 27	34, Bebbington Street	M	2 years	F Furrier	Do.

Diphtheria

None

Diarrhœa

June 23	7, Dalton Street	F	56 years	H Mason	Diarrhœa
„ 26	16, Sand Street	F	11 months	F Shoemaker	Do.
Aug. 20	6, Bronze Street	M	1½ years	F Baker	Do.
„ 24	24, Keats Street	M	5 weeks	F Law writer	Do.
„ 25	11, Susan Street	F	7 months	F Gas stoker	Do.
„ 28	15, Raw Street	M	19 months	F Miller	Do.
Sep. 4	22, Copper Street	F	4 months	F Broker	Do.
„ 5	268, Collyhurst Road	M	5 months	F Bootmaker	Do.
„ 24	17, Keats Street	M	5 months	F Labourer	Do.

Sanitary District No. 8—Causes of Death, 1880—continued

Diseases of Lungs

Pneumonia and Acute Bronchitis

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 30	6, Stirling Street	F	1½ years	F Carter	Pneumonia
1880					
Jan. 20	7, Jones Street	M	2¼ years	F Porter	Bronchitis
,, 27	337, Roehdale Road	F	64 years	Housekeeper	Do.
,, 27	12, Heelis Street	F	2 years	F Labourer	Pneumonia
,, 29	12, William Street	F	62 years	H Traveller	Bronchitis
Feb. 1	20, Rhoda Street	F	52 years	H Gardener	Do.
,, 9	24, Buckley Street	M	68 years	Porter	Do.
,, 23	459, Roehdale Road	F	39 years	H Undertaker	Pneumonia
,, 27	41, Sand Street	M	58 years	Shoemaker	Tuberculosis
Mar. 2	5, Back Buckley Street	F	69 years	H Newsagent	Bronchitis
,, 6	43, Burton Street	M	5 months	F Carter	Do.
,, 10	7, Sand Street	M	43 years	Slipper maker	Do.
Apl. 5	23, Copper Street	M	66 years	Sack dealer	Do.
,, 11	13, Eliza Ann Street	F	1 year	F Joiner	Pneumonia
May 15	30, Buckley Street	F	8 months	F Fitter	Bronchitis
,, 22	35, Birtles Street	M	50 years	Store dealer	Spasmodic asthma
,, 30	56, Collyhurst Road	M	59 years	Tailor	Bronchitis
June 22	13, Copper Street	M	2 years	F Clerk	Do.
,, 29	47, Burton Street	F	72 years	H Miner	Do.
July 7	206, Collyhurst Road	F	43 years	Housekeeper	Do.
,, 31	21, Almond Street	F	49 years	H Shoemaker	Broncho-pneumonia
Aug. 15	27, Almond Street	F	7 months	F Wood carver	Bronchitis
,, 21	8, Brass Street	M	10 months	F Porter	Do.
Sep. 7	14, Raw Street	M	6 months	F Pattern maker	Do.
,, 25	17, Buckley Street	M	3 weeks	F Labourer	Do.
,, 27	14, Brass Street	M	18 years	Labourer	Pneumonia
,, 30	29, Appleton Street	F	20 years	F Blacksmith	Bronchitis
Oct. 26	11, Blackburn Street	M	5 months	F Labourer	Do.
Nov. 11	6, Worth Street	M	54 years	Maper-up	Pneumonia
Dec. 2	20, Heelis Street	M	2¾ years	F Hawker	Do.

Laryngiti

Feb. 2	305, Roehdale Road	F	7 years	F Potatoe dealer	Laryngitis

Chronic Bronchiti

Jan. 25	9, Wilkinson Street	F	62 years	Widow	Chronic bronchitis
Apl. 19	171, Collyhurst Road	F	70 years	H Fustian cutter	Do.
Nov. 26	272, Collyhurst Road	F	12½ years	F Warehouseman	Do

Sanitary District No. 8—Causes of Death, 1880—continued

Phthisis Pulmonalis

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 10	4, Bronze Street	M	34 years	Labourer	Phthisis
„ 23	11, Buckley Street	F	62 years	H Carter	Do.
Feb. 9	119, Collyhurst Road	F	25 years	Housekeeper	Do.
Mar. 14	48, Burton Street	F	36 years	H Labourer	Do.
Apl. 15	36, Sand Street	F	3½ years	F Fitter	Do.
June 7	24, Back Buckley Street	F	35 years	H Maker-up	Do.
„ 20	8, Blackburn Street	M	40 years	Skin dresser	Do.
Aug. 11	2, Raw Street	M	39 years	Labourer	Do.
Sep. 6	39, Burton Street	M	16 years	F Labourer	Do.
Oct. 18	10, Mary Ellen Street	M	22 years	Porter	Do.
„ 22	27, Burton Street	M	46 years	Butcher	Do.
Nov. 3	20, Sand Street	M	51 years	Iron turner	Do.
Dec. 5	25, Keats Street	F	25 years	H Hawker	Do.

Infantile Tubercolosis

Aug. 14	4, Providence Place	M	11 months	F Maker-up	Tubercolosis
Sep. 17	9, Meadow Street	M	4 years	F Stoker	Do.
Oct. 11	57, Dalton Street	M	1¼ years	F Button maker	Do.

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

Feb. 23	34, Sand Street	M	10 days	F Dyer	Convulsions
Mar. 9	22, Gorton Street	M	7 weeks	F Tailor	Do.
July 28	12, Almond Street	F	1 month	F Hawker	Do.
Aug. 5	54, Birtles Street	M	3 weeks	F Porter	Do.
„ 21	52, Burton Street	M	13 months	F Cabinet maker	Do.
Sep. 12	7, Jones Street	F	1¾ years	F Hawker	Do.
„ 24	4, Almond Street	M	1 day	F Porter	Do.
Oct. 1	25, Rhoda Street	F	2 days	F Maker-up	Do.

Hydrocephalus

Feb. 12	12, Back Preston Street	M	9 months	F Labourer	Hydrocephalus
Sep. 5	11, Roe Street	M	15 months	F Labourer	Tubercular meningitis
„ 14	287, Rochdale Road	M	9 months	F Tinman	Do.
Dec. 14	28, Burton Street	F	2¼ years	F Painter	Do.
„ 21	17, Law Street	F	1¼ years	F Painter	Do.

Apoplexy

Aug. 12	10, Vauxhall Street	M	75 years	Labourer	Apoplexy

Sanitary District No. 8—Causes of Death, 1880—continued

Diseases of Debility

Asthenia, Atrophy, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Mar. 12	6, Haughton Street	M	1 day	Gasman	Asthenia
Apl. 6	9, Zinc Street	F	5 months	Carter	Tabes
„ 23	21, Burton Street	M	4 months	Warehouseman	Marasmus
June 10	11, Back Buckley Street	M	81 years	Tea dealer	General decay
Aug. 5	3, Delph Street	F	2 months	Labourer	Debility
Sep. 10	3, Almond Street	M	3½ years	Flour dealer	Tabes
„ 24	51, Birtles Street	M	6 days	Iron driller	Asthenia
Oct. 6	7, Vauxhall Street	M	4 months	Warehouseman	Atrophy
„ 11	4, Burton Street	M	15 months	Weaver	Tabes
„ 25	5, Meadow Street	M	14 days	Labourer	Atrophy
„ 30	30, Keats Street	F	5 weeks	Maker-up	Do.

Premature Birth

Jan. 25	10, Eliza Ann Street	F	6 weeks	Slater	Premature birth

Diseases of Heart

Feb. 7	11, Keats Street	F	73 years	Dyer	Cardiac disease
Sep. 28	244, Collyhurst Road	F	14 years	Basket maker	Aortic obstruction

Diseases of Brain

Apl. 11	3, William Street	F	11 months	Finisher	Cerebral effusion
May 31	42, Burton Street	M	10 months	Tailor	Encephalitis
June 22	54, Collyhurst Road	M	13 months	Dyer	Do.
Oct. 6	36, Eliza Ann Street	F	4½ years	Cork cutter	Do.
„ 10	4, Keats Terrace	M	10 months	Townsman	Do.

Diseases of Kidneys

Apl. 20	3, Upper Vauxhall Street	M	42 years	Warehouseman	Nephritis
Nov. 19	60, Buckley Street	M	6½ years	Chair maker	Albuminuria

Diseases of Bowels

Feb. 20	4, Mary Ellen Street	F	48 years	Brush maker	Gastritis
May 1	141, Collyhurst Road	M	8 days	Warehouseman	Intus-susception of bowels
Sep. 15	323, Rochdale Road	M	47 years	Draper	Ulceration of bowels
Oct. 4	30, Keats Street	F	35 years	Widow	Peritonitis

Diseases of Liver

June 19	20, Back Buckley Street	M	2¼ years	Spring fitter	Icterus
Oct. 13	245, Rochdale Road	M	39 years	Beerseller	Cirrhosis of liver

Sanitary District No. 8—Causes of Death, 1880—continued

Diseases of Hip

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Sep. 29	6, Keats Street	F	11 years	F Labourer	Hip joint disease

Cancerous Diseases

Mar. 3	31, Birtles Street	F	4¼ years	F Clogger	Cancrum oris

Infantile Syphilis

Mar. 15	30, Back Preston Street	M	8 months	F Shoemaker	Congenital syphilis

Paralysis

May 1	177, Collyhurst Road	F	37 years	F Publican	Paralysis
July 10	29, Copper Street	F	55 years	H Painter	Do.

Epilepsy

Jan. 5	449, Rochdale Road	M	30 years	Engine fitter	Epileptiform convulsions
June 29	13, Blackburn Street	F	28 years	H Labourer	Epilepsy

Hæmorrhage

Jan. 10	77, Burton Street	F	60 years	Widow	Cerebral hæmorrhage

Blood Poisoning

Jan. 30	5, Bebbington Street	F	5 months	F Labourer	Pyœmia

Dropsy

July 19	14, Providence Street	M	40 years	Labourer	Anasarca

Inflammation of Bladder

Aug. 25	59, Eliza Ann Street	M	65 years	Iron fitter	Cystitis

Coroner's Inquest

May 29	1, Buckley Street	F	2½ months	F Slipper maker	Convulsive fit
,, 27	18, Heelis Street	F	4 months	F Carter	Do.
Aug. 23	1, Keats Street	M	13 weeks	F Carter	Do.
Sep. 6	369, Rochdale Road	F	39 years	H Slipper maker	Natural causes
,, 7	37, Birtles Street	F	59 years	Widow	Accidental death
Oct. 20	21, Keats Street	F	24 years	Hawker	Rupture of spleen
Dec. 5	26, Meadow Street	M	58 years	Tailor	Natural causes
,, 16	39, Almond Street	M	10 years	F Excavator	Run over by a lurry

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes*, 13·74

Special Forms of Zymotic Disease

Fever (typhus and typhoid)...	1·44	Whooping cough	6·52
Scarlet fever	2·89	Smallpox	—
Measles	2·89	Diphtheria.....	—

Proportion per cent. *to total number of deaths from all causes*, 6·52

Diarrhœa	6·52	Apoplexy	·72
Diseases of lungs	36·10	Premature birth	·72
Pneumonia and acute bronchitis	21·73	Diseases of heart	1·44
Laryngitis.....	·72	Diseases of brain	3 62
Chronic bronchitis	2·17	Diseases of kidneys	1·44
Phthisis pulmonalis	9·31	Diseases of bowels	2·89
Infantile tuberculosis	2·17	Diseases of liver	1·44
Diseases of nervous system ...	9·41	Diseases of hip	·72
Convulsions	5·79	Cancerous diseases	·72
Hydrocephalus	3·62	Infantile syphilis	·72
Laryngismus stridulus	—	Paralysis	1·44
Nervous exhaustion	—	Epilepsy	1·44
Diseases of debility	7·97	Hæmorrhage	·72
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	7·97	Blood poisoning	·72
		Dropsy	·72
		Inflammation of bladder	·72
		Coroner's inquests.....	5·79

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 2·93

Fever (typhus and typhoid)...	·31	Whooping cough	1·38
Scarlet fever	·62	Smallpox	—
Measles	·62	Diphtheria.....	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	1·38	Apoplexy	·15
Diseases of lungs	7·73	Premature birth	·15
Pneumonia and acute bronchitis	4·65	Diseases of heart	·31
Laryngitis	·15	Diseases of brain	·77
Chronic bronchitis	·46	Diseases of kidneys	·31
Phthisis pulmonalis	2·01	Diseases of bowels	·62
Infantile tuberculosis	·46	Diseases of liver	·31
Diseases of nervous system	2·01	Diseases of hip	·15
Convulsions	1·24	Cancerous diseases	·15
Hydrocephalus	·77	Infantile syphilis	·15
Laryngismus stridulus	—	Paralysis	·31
Nervous exhaustion	—	Epilepsy	·31
Diseases of debility	1·70	Hæmorrhage	·15
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	1·70	Blood poisoning	·15
		Dropsy	·15
		Inflammation of bladder	·15
		Coroner's inquests	1·24

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT No. 9.

SCALE 7½ INCHES = 1/4 OF A MILE.

HOUSES BUILT SINCE 1870
" " 1850
" " 1830
" BEFORE 1830
CHURCHES, SCHOOLS, MILLS, &c.
PUBLIC HOUSES X

Richd. A. Baxter.

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 9

Boundaries

Rochdale Road
Brydonville Street
Marston Street
River Irk

Sanitary Sub-Districts included within No. 9 Sanitary District

Number 40
,, 41
Number 42

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 9 Sanitary District contains the following Streets :—

Marston Street
Rochdale Road
Sherwood Street
Hanley Street
Collyhurst Road
Inkerman Street
Forest Street
Weber Street
Paget Street
Davenport Street
Alexandra Street
Seal Street
Churnet Street
Leek Street
West View, Collyhurst Road
"The Brows," Collyhurst Road
Cheetham View, Collyhurst Road
St. Oswald Street
Bushton Street
Phelan Street
Belmot Street
Alder Street
Pexton Street
Egginton Street
Smedley Road
Brydonville Street
Fitzgeorge Street
Windsor Street
Buckingham Street
Rockingham Street
Jane's Place

The Streets arranged according to their Width

	ft.	in.		ft.	in.
Rochdale Road	54	2	Paget Street	36	0
Churnet Street	42	6	Sherwood Street	36	0
St. Oswald Street	42	0	Brydonville Street	31	0
Forest Street	36	4	Collyhurst Road	30	6
Egginton Street	36	2	Windsor Street	30	6
Alexandra Street	36	0	Buckingham Street	30	4
Marston Street	36	0	Jane's Place	30	4

	ft.	in.
Rockingham Street	30	4
Phelan Street	30	2
Alder Street	30	0
Belmot Street	30	0
Bushton Street	30	0
Davenport Street	30	0
Leek Street	30	0
Seal Street	30	0
Weber Street	29	10
Hanley Street	24	6
Smedley Road	24	2
West View, Collyhurst Road	16	4
Inkerman Street	open space	
"The Brows," Collyhurst Road	open space	
Cheetham View, Collyhurst Road	open space	
Pexton Street	open space	
Fitzgeorge Street	open space	

The Streets arranged Alphabetically

Alexandra Street
Alder Street
Belmot Street
"Brows" (the) Collyhurst Road
Brydonville Street
Bushton Street
Buckingham Street
Cheetham View
Churnet Street
Collyhurst Road
Davenport Street
Egginton Street
Fitzgeorge Street
Forest Street
Hanley Street
Inkerman Street
Jane's Place
Leek Street
Marston Street
Paget Street
Pexton Street
Phelan Street
Rockingham Street
Rochdale Road
St. Oswald Street
Seal Street
Sherwood Street
Smedley Road
Weber Street
West View, Collyhurst Road
Windsor Street

Altitudes above the Sea Level

	ft.	in.
Bolt in east pier of Regent Road Bridge, near Water Street, 4ft. above the surface of the Irwell at this point	86	0
Bolt-mark, Moston Brook Bridge, Collyhurst Road	112	4
Bolt-mark, Smedley Road Bridge	132	2
In centre of Smedley Road, opposite Logwood Mill	134	0
Bolt-mark at the corner of Smedley Road and Collyhurst Rd.	137	6
Mark on the wall of the Manchester Royal Infirmary (the mark is close to the flags)	149	9
Marston Street about	203	0
The corner of Queen's Road and Rochdale Road is	213	0

Sewers

The foundation rocks on which the subsoil rests are the outcropping edges of the upper members of the Manchester coalfield, including the coalfields of Blackley, Clayton, and Bradford; these rise immediately from under the Permian sandstone which is exhibited in the sand delph of

Sir E. Buckley, at Collyhurst. The Moston Brook and the river Irk receive the sewage of this district. The lowest point of Rochdale Road is at the lower end of Hall's Crescent; here the Moston Brook passes under the road and receives the flow from Marston Street, half of Paget Street, half of Churnet Street, Forest Street, and half of Oswald Street, these entering the Rochdale Road sewer, and from thence into the Moston Brook at the bridge. Another sewer flows from Dyson Street along Rochdale Road, receiving the flow of Collyhurst Street and other small streets, flowing into the Moston Brook at the bridge in Rochdale Road. The brook also drains Brydonville Street, Windsor Street, Buckingham Street, and Rockingham Street. Another large sewer flows down Collyhurst Road, entering the brook near to the Grapes Inn in Collyhurst Road. This receives the flow from Alexandra Street, part of Paget Street, part of Churnet Street, part of Oswald Street, and part of Egginton Street. In Smedley Road there is a sewer running into the Irk at the bridge. Weber Street and Inkerman Street are drained into the river Irk.

The conditions for the flow of the sewers in this district are very favourable, owing to the great inclination of the soil.

Houses

Nearly half of the houses in this district have been built since 1870, and more than seven-eights since 1850; the remainder since 1830.

There are no back-to-back houses in this district. There is, however, some old property about Collyhurst Road which is in a very unsatisfactory state, owing to being built on the edge of a reservoir of dye water. Jane's Place in Rochdale Road, and some houses in Fitzgeorge Street, are also built in such a manner as to be unfit for dwellings.

The width of the streets average 30ft. This is in accordance with the bye-law of the Council of the city of Manchester, 1868, which requires a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two stories. Each house erected since 1868 has an open yard or area containing at least 70 square feet in accordance with bye-law No. 11.

The passages vary in width, those passing through the newly-erected property are wide; but the passages of the property which was built prior to 1868 are narrow; in many cases the space between the backs of the houses is small and insufficient.

The streets are for the most part paved and sewered, and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick, and a few have bay windows in the front rooms.

The streets enumerated within this district contain, according to actual counting, 849 houses *(Bastow)*. The number contained in the Overseers' books for the year 1880-81 was 855, of which 84 were empty, leaving 771 as inhabited houses.

Places of Worship

St. Oswald's Church	Rochdale Road
Independent Chapel	Churnet Street
Wesleyan Chapel	Egginton Street

Schools

St. Oswald's Day and Sunday Schools	St. Oswald Street
Independent Methodist Sunday School	Churnet Street
Wesleyan Day and Sunday School	Egginton Street

Works

John Furlong, Dye Works	Collyhurst Road
J. Fletcher, Timber Merchant	St. Oswald Street
P. Hickey, Cooper	Forest Street
Robert Woolham, Clog-iron Works	Churnet Street
J. & A. Wilkinson, Shuttle Works	St. Oswald Street
John Berry, Blacking Works	Rochdale Road
Oswald Brooke & Co., Collyhurst Clough Works	Fitzgeorge Street
Robinson & Millington, Bridge Silk Mill	Rochdale Road

Data

Population

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 9 Sanitary District contained, according to the Overseers' books for the current year, 771 inhabited houses, this multiplied by 5·01 will give as the number of inhabitants	3,862
Multiplied by 4·95 the number will be	3,816
Multiplied by 4·82 the number will be	3,716
The mean of these three estimates is	3,798

Which will tolerably represent the population of the district.

The houses in Rochdale Road are occupied by shopkeepers, and the remaining part of the district is inhabited by joiners, clerks, and warehousemen.

Sanitary District No. 9

Mortality

From the 3rd January to 20th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 67.

Death Rate

According to the population estimated by the average city rate of occupation 67 deaths would be a rate per 1,000 of ..... 17·34
According to the township rate of occupation ..... 17·55
According to the registration sub-district rate ..... 18·03
The mean of these three estimates of population ..... 17·64

Details of Death, 1880

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 3	275, Collyhurst Road	F	1 year	Joiner	Pertussis
,, 4	20, Fitzgeorge Street	F	55 years	Widow	Pneumonia
,, 6	1, Belmot Street	F	4¼ years	Boiler maker	Scarlatina
,, 18	1, West View, Collyhurst	F	11 weeks	Card maker	Diarrhœa
,, 22	7, Belmot Street	M	9 years	Warehouseman	Bronchitis
Mar. 1	16, Seal Street	M	37 years	Labourer	Disease of kidneys
,, 13	5, Leek Street	F	2 months	Maker-up	Bronchitis
,, 25	23, St. Oswald Street	M	9 months	Millwright	Tabes mesenterica
Apl. 2	38, Phelan Street	M	12 years	Wood carver	Obstruction of bowels
,, 11	29, Churnet Street	F	88 years	Cotton dresser	Natural decay
,, 17	467, Rochdale Road	M	39 years	Brass moulder	Phthisis
,, 18	549, Rochdale Road	F	21 years	Servant	Albuminuria
,, 18	541, Rochdale Road	M	45 years	Warehouseman	Bronchitis
,, 23	310, Collyhurst Road	F	52 years	Wheelwright	Phthisis
,, 23	11, Seal Street	F	7 years	Fitter	Scarlatina maligna
,, 30	47, Brydonville Street	M	49 years	Pensioner	Natural causes
May 1	16, Phelan Street	M	5 months	Tinplate worker	Suffocated in bed
,, 10	515, Rochdale Road	M	74 years	Contractor	Bronchitis
,, 19	84, Sherwood Street	M	1 year	Agent	Convulsions
,, 30	30, Bushton Street	F	4½ years	Clerk	Scarlatina
,, 31	2, Seal Street	M	13 months	Porter	Encephatis
June 2	18, Brydonville Street	M	3 years	Shoemaker	Bronchitis
,, 9	8, Bushton Street	F	3½ years	Clerk	Scarlatina
,, 30	567, Rochdale Road	M	7 months	Tailor	Diarrhœa
July 1	74, Collyhurst Road	F	6 months	Spring forger	Rubeola
,, 7	27, St. Oswald Street	F	11 months	Labourer	Marasmus

Sanitary District No. 9—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
July 7	47, Phelan Street	M	28 years	Packer	Pneumonia
,, 8	48, Churnet Street	F	16 years	Joiner	Do.
,, 13	52, Sherwood Street	M	18 months	Japanner	Tubercular meningitis
,, 13	19, Keats Street	M	1¼ years	Labourer	Diarrhœa
,, 18	10, Seal Street	M	32 years	Bricklayer	Phthisis
Aug. 3	5, Rockingham Street	F	16 months	Labourer	Pertussis
,, 5	24, Windsor Street	M	16 years	Labourer	Phthisis
,, 17	18, Law Street	M	3 years	Labourer	Bronchitis
,, 17	18, Alexandra Street	F	7 months	Milk dealer	Croup
,, 19	607, Rochdale Road	M	6 months	Farmer	Diarrhœa
,, 20	5, St. Oswald Street	F	15 years	Warehouseman	Phthisis
,, 27	48, Brydonville Street	M	6 years	Bricklayer	Scarlatina
,, 27	41, Seal Street	F	14 months	Milk dealer	Diarrhœa
,, 27	20, Susan Street	F	4 years	Roller polisher	Pneumonia
,, 28	367, Collyhurst Road	F	2½ years	Hat block maker	Diarrhœa
Sep. 6	385, Collyhurst Road	F	78 years	Engraver	Senile decay
,, 6	545, Rochdale Road	M	6 months	Publican	Diarrhœa
,, 6	42, Sherwood Street	M	6 months	Packer	Febris rubra
,, 9	367, Collyhurst Road	F	9 months	Hat block maker	Diarrhœa
,, 14	391, Collyhurst Road	F	3 years	Clerk	Scarlatina
,, 14	505, Rochdale Road	F	1 month	Provision dealer	Wasting
,, 18	42, Paget Street	F	54 years	Joiner	Cirrhosis hemiplegia
,, 18	366, Collyhurst Road	M	6 months	Barmaid	Diarrhœa
,, 22	446, Collyhurst Road	F	74 years	Stationer	Hepatic disease
,, 23	1, Belmot Street	F	36 years	Boiler maker	Phthisis
,, 26	460, Collyhurst Road	M	60 years	Contractor	Heart disease
,, 30	40, Brydonville Street	F	3¾ years	Baker	Encephalitis
Oct. 5	19, Churnet Street	M	10 weeks	Joiner	Bronchitis
,, 13	407, Collyhurst Road	F	5¾ years	Cotton carder	Nephritis
,, 19	33, Churnet Street	F	38 years	Pattern maker	Phthisis
,, 19	19, St. Oswald Street	F	2 years	Glazier	Croup
,, 23	571, Rochdale Road	M	1¾ years	Boiler maker	Pertussis
,, 26	24, Paget Street	F	7 months	Engine tenter	Ulceration of bowels
Nov. 3	407, Collyhurst Road	M	8 months	Machine tenter	Scarlet fever
,, 5	468, Collyhurst Road	M	3¾ years	Hosier	Diphtheria
,, 13	92, Collyhurst Road	F	67 years	Rope maker	Ascites
,, 16	535, Rochdale Road	F	1¼ years	Pawnbroker	Convulsions
,, 20	4, Belmot Street	M	23 months	Engine tenter	Pneumonia
,, 30	29, Paget Street	F	½ hour	Photographer	Convulsions
Dec. 12	31, Fitzgeorge Street	F	44 years	Labourer	Pleuritis
,, 20	20, Paget Street	M	36 years	Porter	Disease of heart

Ages at Death

All under 1 year	18	
„ 2 years	28	
„ 3 „	30	
„ 4 „	35	
„ 5 „	39	= 39

All between 5 and 10 years, including the first term	5
„ 10 „ 20 „ „ „	3
„ 20 „ 30 „ „ „	2
„ 30 „ 40 „ „ „	6
„ 40 „ 50 „ „ „	3
„ 50 „ 60 „ „ „	3
„ 60 „ 70 „ „ „	2
„ 70 „ 80 „ „ „	3
„ 80 „ 90 „ „ „	1
Total deaths	67

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	26·86	Under 4 years	52·23
„ 2 years	41·79	„ 5 „	58·20
„ 3 „	44·77		
Between 5 and 10 years	7·46	Between 50 and 60 years	4·47
„ 10 „ 20 „	4·47	„ 60 „ 70 „	2·98
„ 20 „ 30 „	2·98	„ 70 „ 80 „	4·47
„ 30 „ 40 „	8·95	„ 80 „ 90 „	1·49
„ 40 „ 50 „	4·47		

Deaths per 1,000 *of the mean population* (3,798) *at different ages*

Under 1 year	4·73	Under 4 years	9·21
„ 2 years	7·37	„ 5 „	10·26
„ 3 „	7·89		
Between 5 and 10 years, including the first term	1·31	Between 50 and 60 years, including the first term	·78
„ 10 „ 20 „	·78	„ 60 „ 70 „	·52
„ 20 „ 30 „	·52	„ 70 „ 80 „	·78
„ 30 „ 40 „	1·57	„ 80 „ 90 „	·26
„ 40 „ 50 „	·78		

SANITARY DISTRICT No. 9—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Jan. 6	1, Belmot Street	F	4¼ years	F Boiler maker	Scarlatina
Apl. 23	11, Seal Street	F	7 years	F Fitter	Scarlatina maligna
May 30	30, Bushton Street	F	4½ years	F Clerk	Scarlatina
June 9	8, Bushton Street	F	3½ years	F Clerk	Do.
Aug. 27	48, Brydonville Street	M	6 years	F Bricklayer	Do.
Sep. 6	42, Sherwood Street	M	6 months	F Packer	Febris rubra
,, 14	391, Collyhurst Road	F	3 years	F Clerk	Scarlatina
Nov. 3	407, Collyhurst Road	M	8 months	F Machine tenter	Scarlet fever

Typhus and Typhoid Fever

None

Measles

July 1	74, Collyhurst Road	F	6 months	F Spring forger	Measles

Whooping Cough

Jan. 3	275, Collyhurst Road	F	1 year	F Joiner	Pertussis
Aug. 3	5, Rockingham Street	F	16 months	F Labourer	Do.
Oct. 23	571, Rochdale Road	M	1¾ years	F Boiler maker	Do.

Diphtheria

Nov. 5	468, Collyhurst Road	M	3¾ years	F Hosier	Diphtheria

Diarrhœa

Jan. 18	1, West View, Collyhurst	F	11 weeks	F Card maker	Diarrhœa
June 30	567, Rochdale Road	M	7 months	F Tailor	Do.
July 13	19, Keats Street	M	1¼ years	F Labourer	Do.
Aug. 19	607, Rochdale Road	M	6 months	F Farmer	Do.
,, 27	41, Seal Street	F	14 months	F Milk dealer	Do.
,, 28	367, Collyhurst Road	F	2½ years	F Hat block maker	Do.
Sep. 6	545, Rochdale Road	M	6 months	F Publican	Do.
,, 9	367, Collyhurst Road	F	9 months	F Hat block maker	Do.
,, 18	366, Collyhurst Road	M	6 months	M Barmaid	Do.

Diseases of Lungs

Pneumonia and Acute Bronchitis

Jan. 4	20, Fitzgeorge Street	F	55 years	Widow	Pneumonia
,, 22	7, Belmot Street	M	9 years	F Warehouseman	Bronchitis
Mar. 13	5, Leek Street	F	2 months	F Maker-up	Do.
Apl. 18	541, Rochdale Road	M	45 years	Warehouseman	Do.
May 10	515, Rochdale Road	M	74 years	Contractor	Do.
June 2	18, Brydonville Street	M	3 years	F Shoemaker	Do.

Sanitary District No. 9—Causes of Death, 1880—continued

Pneumonia and Acute Bronchitis—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
July 7	47, Phelan Street	M	28 years	Packer	Pneumonia
,, 8	48, Churnet Street	F	16 years	Joiner	Do.
Aug. 17	18, Law Street	M	3 years	Labourer	Bronchitis
,, 27	20, Susan Street	F	4 years	Roller polisher	Pneumonia
Oct. 5	19, Churnet Street	M	10 weeks	Joiner	Bronchitis

Laryngitis

Aug. 17	18, Alexandra Street	F	7 months	Milk dealer	Croup
Oct. 19	19, St. Oswald Street	F	2 years	Glazier	Do.

Phthisis Pulmonalis

Apl. 17	467, Rochdale Road	M	39 years	Brass moulder	Phthisis
,, 23	310, Collyhurst Road	F	52 years	Wheelwright	Do.
July 18	10, Seal Street	M	32 years	Bricklayer	Do.
Aug. 5	24, Windsor Street	M	16 years	Labourer	Do.
,, 20	5, St. Oswald Street	F	15 years	Warehouseman	Do.
Sep. 23	1, Belmot Street	F	36 years	Boiler maker	Do.
Oct. 19	33, Churnet Street	F	38 years	Pattern maker	Do.

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

May 19	84, Sherwood Street	M	1 year	Agent	Convulsions
Nov. 16	535, Rochdale Road	F	1¼ years	Pawnbroker	Do.
,, 30	29, Paget Street	F	½ hour	Photographer	Do.

Hydrocephalus

July 13	52, Sherwood Street	M	18 months	Japanner	Tubercular meningitis

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Mar. 25	23, St. Oswald Street	M	9 months	Millwright	Tabes mesenterica
Apl. 11	29, Churnet Street	F	88 years	Cotton dresser	Natural decay
July 7	27, St. Oswald Street	F	11 months	Labourer	Marasmus
Sep. 6	385, Collyhurst Road	F	78 years	Engraver	Senile decay
,, 14	505, Collyhurst Road	F	1 month	Provision dealer	Wasting

Sanitary District No. 9—Causes of Death, 1880—continued

Diseases of Heart

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Sep. 26	460, Collyhurst Road	M	60 years	Contractor	Heart disease
Dec. 20	20, Paget Street	M	36 years	Porter	Disease of heart

Diseases of Kidneys

Mar. 1	16, Seal Street	M	37 years	Labourer	Disease of kidneys
Apl. 18	549, Rochdale Road	F	21 years	Servant	Albuminuria
Oct. 13	407, Collyhurst Road	F	$5\frac{3}{4}$ years	F Cotton carder	Nephritis

Diseases of Brain

May 31	2, Seal Street	M	13 months	F Porter	Encephalitis
Sep. 30	40, Brydonville Street	F	$3\frac{3}{4}$ years	F Baker	Do.

Diseases of Bowels

Apl. 2	38, Phelan Street	M	12 years	F Wood carver	Obstruction of bowels
Oct. 26	24, Paget Street	F	7 months	F Engine tenter	Ulceration of bowels

Diseases of Liver

Sep. 22	446, Collyhurst Road	F	74 years	H Stationer	Hepatic disease

Paralysis

Sep. 18	42, Paget Street	F	54 years	H Joiner	Cirrhosis hemiplegia

Dropsy

Nov. 13	92, Collyhurst Road	F	67 years	H Rope maker	Ascites

Pleurisy

Dec. 12	31, Fitzgeorge Street	F	44 years	H Labourer	Pleuritis

Coroner's Inquests

Apl. 30	47, Brydonville Street	M	49 years	Pensioner	Natural causes
May 1	16, Phelan Street	M	5 months	F Tinplate worker	Suffocated in bed
Nov. 20	4, Belmot Street	M	23 months	F Engine tenter	Pneumonia

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes*, 19·39

Special Forms of Zymotic Disease

Fever (typhus and typhoid)...	—	Whooping cough	4·47
Scarlet fever	11·94	Smallpox	—
Measles	1·49	Diphtheria	1·49

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	13·43	Diseases of debility	7·46
Diseases of lungs	29·83	Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	7·46
Pneumonia and acute bronchitis	16·41	Diseases of heart	2·98
Laryngitis	2·98	Diseases of kidneys	4·47
Chronic bronchitis	—	Diseases of brain	2·98
Phthisis pulmonalis	10·44	Diseases of bowels	2·98
Infantile tuberculosis	—	Diseases of liver	1·49
Diseases of nervous system ...	5·96	Paralysis	1·49
Convulsions	4·47	Dropsy	1·49
Hydrocephalus	1·49	Pleurisy.....	1·49
Laryngismus stridulus	—	Coroner's inquests.....	4·47
Nervous exhaustion	—		

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below 3·40

Fever (typhus and typhoid)...	—	Whooping cough	·78
Scarlet fever	2·10	Smallpox	—
Measles	·26	Diphtheria	·26

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	2·36	Diseases of debility	1·31
Diseases of lungs	5·25	Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	1·31
Pneumonia and acute bronchitis	2·89	Diseases of heart	·52
Laryngitis	·52	Diseases of kidneys	·78
Chronic bronchitis	—	Diseases of brain	·52
Phthisis pulmonalis	1·84	Diseases of bowels	·52
Infantile tuberculosis	—	Diseases of liver	·26
Diseases of nervous system ...	1·04	Paralysis	·26
Convulsions	·78	Dropsy	·26
Hydrocephalus	·26	Pleurisy.....	·26
Laryngismus stridulus	—	Coroner's inquests.....	·78
Nervous exhaustion	—		

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT No. 10.
SCALE 7½ INCHES = ¼ OF A MILE.
HOUSES BUILT SINCE 1870
,, ,, 1850
,, ,, 1830
,, BEFORE 1830
CHURCHES, SCHOOLS, MILLS, &c.
PUBLIC HOUSES
L. AND Y. RAILWAY
MARSTON ST.
SHERWOOD ST.
COLLYHURST ROAD
ROCHDALE ROAD
ALMA STREET
INKERMAN STREET
WENSLEYDALE ST.
TOPLEY STREET
QUEEN'S ROAD
SYDENHAM ST.
CRYSTAL ST.
PICKUP ST.
PEDUZZI ST.
PARK VIEW
GIRLS' PLAY GROUND
BOWLING GREEN
BOYS' PLAY GROUND
QUEENS PARK
RIVER IRK
HENDHAM VALE
MANCHESTER GENERAL CEMETERY

Richd. A. Bas

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 10

Boundaries

Marston Street	River Irk
Rochdale Road	Queen's Park

Sanitary Sub-Districts included within No. 10 Sanitary District

Number 41 (a small part in the northern end)
„ 42 (northern half)
Number 43 (southern half)

These sanitary aub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub district was divided for the purpose of the census in 1871.

No. 10 Sanitary District contains the following Streets:—

Rochdale Road	Inkerman Street	Pickup Street
Sherwood Street	Topley Street	Crystal Street
Marston Street	Wensleydale Street	Sydenham Street
Collyhurst Road	Queen's Road	Crompton Street
Granville Street	Peduzzi Street	Hendham Vale
Alma Street	Park View	Smedley Lane

The Streets arranged according to their Width

	ft.	in.		ft.	in.
Rochdale Road	54	2	Inkerman Street	30	0
Queen's Road	54	0	Wensleydale Street	30	0
Collyhurst Road	38	0	Smedley Lane	27	0
Marston Street	36	0	Crystal Street	24	6
Sherwood Street	36	0	Pickup Street	24	4
Granville Street	30	10	Alma Street	24	0
Hendham Vale	30	4	Peduzzi Street	24	0
Topley Street	30	4	Sydenham Street	24	0
Crompton Street	30	0	Park View	23	4

The Streets arranged Alphabetically

Alma Street	Inkerman Street	Rochdale Road
Collyhurst Road	Marston Street	Sherwood Street
Crompton Street	Park View	Smedley Lane
Crystal Street	Peduzzi Street	Sydenham Street
Granville Street	Pickup Street	Topley Street
Hendham Vale	Queen's Road	Wensleydale Street

Altitudes above the Sea Level

	ft.	in.
Bolt mark at the bottom of Boardman Street	163	6
The corner of Queen's Road and Rochdale Road	213	5
Bolt mark at Green Mount Place, the highest point in the district	236	0

The difference of level between the highest and lowest points of the district, as given by the Ordnance Survey, is 72ft. 6in.

Sewers

The foundation rocks on which the subsoil rests are the outcropping edges of the upper members of the Manchester coalfield, including the coalfields of Blackley, Clayton, and Bradford; these rise immediately from under the Permian sandstone which is exhibited in the sand delph of Sir E. Buckley, at Collyhurst.

The upper part of Collyhurst Road and Rochdale Road are drained by the Scropton Street sewer, which runs into the Moston Brook, near Queen's Road. Topley Street, Queen's Road, and Park View are drained by the Hendham Vale sewer, which finds its outlet into the river Irk.

Houses

The greater part of the houses in this district have been built since 1850. There is only one block of buildings which was erected before 1830, and it is openly situated.

There are no back-to-back houses in the district.

The width of the streets varies from 54ft. to 23ft., the greater number of them being 30ft. or more, in accordance with the bye-law of the Council of the city of Manchester, 1868, which requires a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two stories. Each house erected since 1868 has an open yard or area containing at least 70 square feet in accordance with bye-law No. 11.

The passages vary in width; those passing through the newly-erected property are wide.

The streets are for the most part paved and sewered, and in good condition. The houses in the back streets are without cellars, and have no ventilating spaces under the floors; they rise directly from the ground. The outside walls are 9in. thick, and the inside walls are 4½in. thick.

The streets enumerated within this district contain, according to actual counting, 358 houses (*Bastow*). The number contained in the Overseers' books for the year 1880-81 was 345, of which 25 were uninhabited, leaving 320 as inhabited houses.

Works

Sankey & Co., Window Blind Works	Queen's Road
T. W. Hope, Dye Works	Hendham Vale
Ralph Darbishire, Brick Works	Hendham Vale
Astbury & Co., Weaving Works	Hendham Vale

Public Institutions

Public Cemetery	Rochdale Road
Queen's Park	Rochdale Road

Data — Population

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 10 Sanitary District contained, according to the Overseers' books for the year 1880-81, 320 inhabited houses, this multiplied by 5·01 will give as the number of inhabitants	1,603
Multiplied by 4·95 the number will be	1,584
Multiplied by 4·82 the number will be	1,542
The mean of these three estimates is	1,576

Which will tolerably represent the population of the district.

The inhabitants living in Rochdale Road are mostly shopkeepers; the remainder are chiefly tradesmen and clerks.

Sanitary District No. 10

Mortality

From 29th December, 1879, to 7th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 33.

Death Rate

According to the population estimated by the average city rate of occupation, 33 deaths would give a rate per 1,000 of ..... 20·58
According to the township rate of occupation ..... 20·83
According to the registration sub-district rate ..... 21·40
The mean of these three estimates would give a rate of ..... 20·93

Details of Death, 1880

Date	Residence	Sex	Age	Occupation	Cause of Death
1879					
Dec. 29	13, Wensleydale Street	F	5 months	Carter	Effusion on brain
1880					
Jan. 4	10, Sydenham Street	M	8¼ years	Joiner	Scarlatina maligna
„ 11	11, Pickup Street	F	1¼ years	Plumber	Croup
„ 21	17, Hendham Vale	F	7 months	Manager	Catarrh
„ 22	18, Queen's Road	M	58 years	Fruit salesman	Paralysis
„ 30	146, Hendham Vale	F	24 years	Clerk	Phthisis
Feb. 24	653, Rochdale Road	M	65 years	Butcher	Chronic gastritis
„ 26	19, Hendham Vale	M	16 months	Cashier	Croup
Mar. 2	49, Hendham Vale	M	1½ years	Clerk	Intus-susception
„ 16	17, Queen's Road	M	88 years	Farm bailiff	Old age
„ 16	26, Wensleydale Street	M	3¾ years	Maker-up	Rubeola
„ 20	7, Wensleydale Street	M	1 year	Labourer	Pertussis
„ 27	689, Rochdale Road	F	7 years	Baker	Acute hepatitis
„ 29	9, Pickup Street	F	59 years	Carter	Cancer of lungs
Apl. 4	19, Hendham Vale	F	69 years	Pavior	Chronic bronchitis
May 2	37, Hendham Vale	M	37 years	Warehouseman	Phthisis
„ 15	689, Rochdale Road	F	20 days	Baker	Congenital spina bifida
„ 18	31, Hendham Vale	M	2¾ years	Salesman	Scarlatina maligna
„ 22	7, Peduzzi Street	M	11 months	Clerk	Bronchitis
„ 24	24, Queen's Road	M	16 years	Cashier	Scrofulous deposit on brain
„ 31	19, Park View	F	90 years	Widow	Senile decay
June 18	81, Hendham Vale	F	12 weeks	Clerk	Broncho-pneumonia
July 10	107, Hendham Vale	M	2¼ years	Missionary	Tubercular meningitis
„ 22	37, Park View	F	24 years	Iron fitter	Phthisis
Aug. 18	134, Hendham Vale	F	26 hours	Dyer	Congenital debility
„ 29	1, Granville Street	M	74 years	Agent	Hypertrophy of heart
Sep. 27	134, Hendham Vale	F	6 weeks	Dyer	Congenital debility
„ 28	3, Hendham Vale	F	1¼ years	Labourer	Diarrhœa
Oct. 2	37, Inkerman Street	F	58 years	Warehouseman	Senile apoplexy
„ 26	33, Hendham Vale	M	24 hours	Tailor	Premature birth
„ 29	River Irk, Hendham Vale	F	32 years	Workhouse inmate	Found drowned
Nov. 17	675, Rochdale Road	F	1¾ years	Greengrocer	Dentition
Dec. 7	31, Queen's Road	F	76 years	Sheet maker	Diarrhœa

Ages at Death

All under 1 year	7	
„ 2 years	14	
„ 3 „	16	
„ 4 „	17	
„ 5 „	17 =	17
All between 5 and 10 years, including the first term		2
„ 10 „ 20 „ „ „		1
„ 20 „ 30 „ „ „		2
„ 30 „ 40 „ „ „		2
„ 40 „ 50 „ „ „		—
„ 50 „ 60 „ „ „		3
„ 60 „ 70 „ „ „		2
„ 70 „ 80 „ „ „		2
„ 80 „ 90 „ „ „		1
„ 90 „ 100 „ „ „		1
Total deaths		33

Deaths per 100 *of the total number of deaths at different ages*

Under 1 year	21·21	Under 4 years	51·51
„ 2 years	42·42	„ 5 „	51·51
„ 3 „	48·48		
Between 5 and 10 years	6·06	Between 50 and 60 years	9·09
„ 10 „ 20 „	3·03	„ 60 „ 70 „	6·06
„ 20 „ 30 „	6·06	„ 70 „ 80 „	6·06
„ 30 „ 40 „	6·06	„ 80 „ 90 „	3·03
„ 40 „ 50 „	—	„ 90 „ 100 „	3·03

Deaths per 1,000 *of the mean population* (1,576) *at different ages*

Under 1 year	4·44	Under 4 years	10·78
„ 2 years	8·88	„ 5 „	10·78
„ 3 „	10·15		
Between 5 and 10 years, including the first term	1·26	Between 50 and 60 years, including the first term	1·90
„ 10 „ 20 „	·63	„ 60 „ 70 „	1·26
„ 20 „ 30 „	1·26	„ 70 „ 80 „	1·26
„ 30 „ 40 „	1·26	„ 80 „ 90 „	·63
„ 40 „ 50 „	—	„ 90 „ 100 „	·63

SANITARY DISTRICT No. 10—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 4	10, Sydenham Street	M	8¼ years	F Joiner	Scarlatina
May 18	31, Hendham Vale	M	2¾ years	F Salesman	Do.

Typhus and Typhoid Fever

None

Measles

Mar. 16	26, Wensleydale Street	M	3¾ years	F Maker-up	Rubeola

Whooping Cough

Mar. 20	7, Wensleydale Street	M	1 year	F Labourer	Pertussis

Diphtheria

None

Diarrhœa

Sep. 28	3, Hendham Vale	F	1¼ years	F Labourer	Diarrhœa
Dec. 7	31, Queen's Road	F	76 years	H Sheet maker	Do.

Diseases of Lungs

Pneumonia and Acute Bronchitis

Jan. 21	17, Hendham Vale	F	7 months	F Manager	Catarrh
May 22	7, Peduzzi Street	M	11 months	F Clerk	Bronchitis
June 18	81, Hendham Vale	F	12 weeks	F Clerk	Broncho-pneumonia

Laryngitis

Jan. 11	11, Pickup Street	F	1¼ years	F Plumber	Croup
Feb. 26	19, Hendham Vale	M	16 months	F Cashier	Do.

Chronic Bronchitis

Apl. 4	19, Hendham Vale	F	69 years	H Pavior	Chronic bronchitis

Phthisis Pulmonalis

Jan. 30	146, Hendham Vale	F	24 years	H Clerk	Phthisis
May 2	37, Hendham Vale	M	37 years	Warehouseman	Do.
July 22	37, Park View	F	24 years	H Iron fitter	Do.

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Hydrocephalus

July 10	107, Hendham Vale	M	2¼ years	F Missionary	Tubercular meningitis

Sanitary District No. 10—Causes of Death, 1880—continued

Apoplexy

Date	Residence	Sex	Age	Occupation	Cause of Death
1880					
Oct. 2	37, Inkerman Street	F	58 years	H Warehouseman	Senile apoplexy

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

Mar. 16	17, Queen's Road	M	88 years	Farm bailiff	Old age
May 31	19, Park View	F	90 years	Widow	Senile decay
Aug. 18	134, Hendham Vale	F	26 hours	F Dyer	Congenital debility
Sep. 27	134, Hendham Vale	F	6 weeks	F Dyer	Do.

Premature Birth

Oct. 26	33, Hendham Vale	M	24 hours	F Tailor	Premature birth

Diseases of Brain

1879					
Dec. 29	13, Wensleydale Street	F	5 months	F Carter	Effusion on brain
1880					
May 24	24, Queen's Road	M	16 years	F Cashier	Scrofulous deposit on brain

Diseases of Bowels

Feb. 24	653, Rochdale Road	M	65 years	Butcher	Gastritis
Mar. 2	49, Hendham Vale	M	1½ years	F Clerk	Intus-susception

Diseases of Liver

Mar. 27	689, Rochdale Road	F	7 years	F Baker	Acute hepatitis

Diseases of Spine

May 15	689, Rochdale Road	F	20 days	F Baker	Congenital spina bifida

Diseases of Heart

Aug. 29	1, Granville Street	M	74 years	Agent	Hypertrophy of heart

Cancerous Diseases

Mar. 29	9, Pickup Street	F	59 years	H Carter	Cancer of lungs

Paralysis

Jan. 22	18, Queen's Road	M	58 years	Fruit salesman	Paralysis

Dentition

Nov. 17	675, Rochdale Road	F	1¾ years	F Greengrocer	Dentition

Coroner's Inquest

Oct. 29	River Irk, Hendham Vale	F	32 years	Workhouse inmate	Found drowned

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes*, 12·12

Special Forms of Zymotic Disease

Fever (typhus and typhoid)...	—	Whooping cough	3·03
Scarlet fever	6·06	Smallpox	—
Measles	3·03	Diphtheria	—

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	6·06	Diseases of debility	12·12
		Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	12·12
Diseases of the lungs	27·27		
Pneumonia and acute bronchitis	9·09	Apoplexy	3·03
Laryngitis	6·06	Premature birth	3·03
Chronic bronchitis	3·03	Diseases of brain	6·06
Phthisis pulmonalis	9·09	Diseases of bowels	6·06
Infantile tuberculosis	—	Diseases of liver	3·03
		Diseases of spine	3·03
Diseases of nervous system ...	3·03	Diseases of heart	3·03
Convulsions	—	Cancerous diseases	3·03
Hydrocephalus	3·03	Paralysis	3·03
Laryngismus stridulus	—	Dentition	3·03
Nervous exhaustion	—	Coroner's inquests.....	3·03

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, 2·52

Fever (typhus and typhoid)...	—	Whooping cough	·63
Scarlet fever	1·26	Smallpox	—
Measles	·63	Diphtheria	—

PROPORTION OF DEATHS PER 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	1·26
Diseases of lungs	5·69
Pneumonia and acute bronchitis	1·90
Laryngitis	1·26
Chronic bronchitis	·63
Phthisis pulmonalis	1·90
Infantile tuberculosis	—
Diseases of nervous system	·63
Convulsions	—
Hydrocephalus	·63
Laryngismus stridulus	—
Nervous exhaustion	—
Diseases of debility	2·53
Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c.	2·53
Apoplexy	·63
Premature birth	·63
Diseases of brain	1·26
Diseases of bowels	1·26
Diseases of liver	·63
Diseases of spine	·63
Diseases of heart	·63
Cancerous diseases	·63
Paralysis	·63
Dentition	·63
Coroner's inquests	·63

MANCHESTER REGISTRATION SUB-DISTRICT—ST. GEORGE'S

Sanitary District No. 11

Boundaries

Sanitary Sub-Districts included within No. 11 Sanitary District

Number 23
,, 43 (the northern half)
,, 44

These sanitary sub-districts are co-equal with the enumeration or enumerators' districts into which the registration sub-district was divided for the purpose of the census in 1871.

No. 11 Sanitary District contains the following Streets :—

Rochdale Road	Hilton Street	Coates's Buildings
John Street	Ogden Street	Alliance Street
Burgess Street	Ogden's Court	Bethell Square
Goodwin's Square	Lancashire Street	Bunyan Square
Burgess Place	Ogden's Place	Goodier Street
Pickston's Buildings	Drinkwater Street	Woodland Street
Back Burgess Street	Drinkwater Court	Boardman Street
Mount Street	Barlow's Buildings	Ella Street
Mount Place	Pickston Street	Chew's Buildings
Armitage Place	Coates's Place	Hendham Vale
Back Mount Street		

The Streets arranged according to their Width

	ft.	in.		ft.	in.
Rochdale Road	49	4	Mount Place	22	4
Ogden's Court	41	8	Coates's Buildings	21	10
Ella Street	30	4	John Street	21	6
Pickston Street	30	3	Coates's Buildings	21	2
Alliance Street	30	2	Coates's Place	21	2
Bethell Square	30	2	Lancashire Street	21	0
Boardman Street	30	0	Drinkwater Street	20	10
Bunyan Square	30	0	Ogden Street	20	10
Woodland Street	30	0	Mount Street	18	6
Goodier Street	29	7	Back Mount Street	18	2
Burgess Street	26	9	Back Burgess Street	18	0
Goodwin's Square	25	6	Barlow's Buildings	17	6
Hendham Vale	24	10	Ogden's Place	14	8
Hilton Street	24	2	Armitage Place	12	8
Burgess Place	24	0	Drinkwater Court	7	3
Pickston's Buildings	23	10	Chew's Buildings	open space	
John Street	23	9			

The Streets arranged Alphabetically

Alliance Street	Coates's Buildings	Lancashire Street
Armitage Place	Coates's Place	Mount Place
Back Burgess Street	Drinkwater Court	Mount Street
Back Mount Street	Drinkwater Street	Ogden Street
Barlow's Buildings	Ella Street	Ogden's Court
Bethell Square	Goodier Street	Ogden's Place
Boardman Street	Goodwin's Square	Pickston Street
Bunyan Square	Hendham Vale	Pickston's Buildings
Burgess Place	Hilton Street	Rochdale Road
Burgess Street	John Street	Woodland Street
Chew's Buildings		

Altitudes above the Sea Level

		ft.	in.
Bolt-mark	at the lower end of Boardman Street	163	6
,,	at the corner of Woodland Street and Boardman Street	191	2
,,	at Green Mount Place, the lowest point in the district in Rochdale Road	213	5
,,	opposite the school in Rochdale Road, Harpurhey	235	7
,,	at the limit of the city in Rochdale Road	252	8

The difference of level between the highest and lowest points given in the Ordnance Survey is 62ft. 6in.

Sewers

The foundation rocks on which the subsoil rests are the outcropping edges of the upper members of the Manchester coalfield, including the coalfields of Blackley, Clayton, and Bradford; these rise immediately from under the Permian sandstone which is exhibited in the sand delph of Sir E. Buckley, at Collyhurst.

The sewers which run down Drinkwater Street and Boardman Street are the main sewers of the district. The sewer in Rochdale Road flows into that of Drinkwater Street, as also do the sewers in Mount Street, Burgess Street, and Back Mount Street; passing down Drinkwater Street it receives the flowfrom Lancashire Street, Ogden Street, Barlow's Buildings, Coates's Buildings, and Woodland Street, with its tributaries, thence passing directly into the river Irk. The Boardman Street sewer runs directly down Boardman Street into the Irk. The district is situated on the side of a hill, and consequently presents every condition for a good fall for the sewer water to the Irk, which lies at its base.

Houses

The houses in this district have sprung up at various dates, some before and some since 1830, some since 1850, and some since 1870.

There are no back-to-back houses in the district, but there is some old property in Mount Place, Barlow's Buildings, Coates's Buildings, and Boardman Street.

The width of the streets ranges from 49ft. to 7ft. 3in. A good part of the district is now filled with recently erected property. The streets thus erected are 30ft. wide in accordance with the bye-law of the Council of the city of Manchester, 1868, which requires a width of 30ft. for every street after the date thereof, the houses in which shall not exceed two stories. Each house erected since 1868 has an open yard or area containing at least 70 square feet in accordance with bye-law No. 11.

The passages vary in width; those passing through the newly erected property are wide, but the passages of the property which was built prior to 1868 are narrow.

The streets are for the most part paved and sewered and in good condition. The houses are without cellars, except in the principal roads and streets, and have no ventilating spaces under the floors. The outside walls of the houses built since 1850 are 9in. thick, and the inside walls are 4½in. thick.

The streets enumerated within this district contain, according to actual counting, 527 houses *(Bastow)*. The number contained in the Overseers' books for 1880-81 was 516, of which 74 were unoccupied, leaving 442 as inhabited houses.

Works

John Lancashire, Dye Works ..... Woodland Street
Samuel Shephard, Cotton Mill ..... Rochdale Road
J. S. Leach, Tin Works ..... Mount Street
John Andrews, Dye Works ..... Mount Street
Samuel Warburton, Timber Merchant ..... John Street

Schools

Congregational School ..... Goodier Street
Christ Church Schools ..... Rochdale Road
Manchester Board School ..... Burgess Street

Places of Worship

Wesleyan Chapel ..... Rochdale Road

Public Institutions

Queen's Park ..... Rochdale Road
General Cemetery ..... Rochdale Road

Data — Population

The average number of persons per house for the entire city of Manchester, according to the census of 1881, was	5·01
For the township of Manchester	4·95
For the registration sub-district of St. George's	4·82
As No. 11 Sanitary District contained, according to the Overseers' books for the current year, 442 inhabited houses, this number multiplied by 4·95 will give as the number of inhabitants	2,214
Multiplied by 4·95 the number will be	2,187
Multiplied by 4·82 the number will be	2,130
The mean of these three estimates is	2,177

Which will tolerably represent the population of the district.

Most of the population are employed at the mills and dyeworks in the vicinity, and are a thrifty class; those at the front of Rochdale Road are shopkeepers.

REGISTRATION SUB-DISTRICT
ST. GEORGE'S.
SANITARY DISTRICT NO. 11.

SCALE 7½ INCHES = ¼ OF A MILE.

HOUSES BUILT SINCE 1870 .....
" " 1850 .....
" " 1830 .....
" BEFORE 1830 .....
CHURCHES, SCHOOLS, MILLS, &c. .....
PUBLIC HOUSES X

Richd. A. Bastow.

Sanitary District No. 11

Mortality

From 1st January to 19th December, 1880, inclusive, the total number of deaths in the district from all causes, in the homes of the people, was 38.

Death Rate

According to the population estimated by the average city rate of occupation 39 deaths would give a rate per 1,000 of ..... 17·16
According to the township rate of occupation ..... 17·37
According to the registration sub-district rate ..... 17·84
The mean of these three estimates of population ..... 17·45

Details of Death, 1880

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Jan. 1	9, Pickston Street	M	52 years	Publican	Cirrhosis of liver
„ 2	1, Bunyan Square	F	65 years	H Cotton broker	Bronchitis
„ 2	5, Drinkwater Court	F	1½ years	F Labourer	Diarrhœa
„ 17	38, Alliance Street	F	46 years	H Builder	Valvular heart disease
Feb. 7	Park Villa	F	77 years	Widow	Paralysis
„ 7	16, Mount Street	M	9 months	F Labourer	Pertussis
„ 10	49, Goodier Street	F	6½ years	F Finisher	Pleuro-pneumonia
„ 27	38, Pickston Street	F	23 years	H Labourer	Hæmoptysis
Mar. 6	11, Pickston Street	F	18 years	F Labourer	Valvular heart disease
„ 7	2, Bunyan Street	M	51 years	Mason	Broncho-pneumonia
„ 7	8, John Street	M	5½ years	F Cabinet maker	Pneumonia
„ 14	Rochdale Road, Harpurhey	M	36 years	Tripe dresser	Œdema of lung
„ 16	Rochdale Road, Harpurhey	F	6 months	F Tripe dresser	Effusion on brain
Apl. 16	5, Ogden Street	F	14 months	F Machinist	Bronchitis
„ 24	14, Ogden Street	M	1¾ years	F Dyer	Convulsions
May 18	14, Drinkwater Street	M	6 weeks	M Charwoman	Effusion on brain
„ 21	3, Lancashire Court	M	1¾ years	M Servant	Tabes mesenterica
„ 27	10, Barlow's Buildings	M	25 years	Dyer	Morbus cordis
June 6	6, Bethell Square	F	63 years	H Watchman	Cancer of liver
July 9	15, Lancashire Street	F	65 years	Widow	Paralysis
„ 12	33, Ella Street	M	27 years	Calenderer	Pneumonic phthisis
„ 18	1, Barlow's Buildings	F	3 weeks	F Coach trimmer	Congenital debility
„ 30	3, Alliance Street	F	76 years	H Gardener	Diarrhœa

Sanitary District No. 11—Details of Death, 1880—continued

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Aug. 8	14, Ella Street	M	5 weeks	F Joiner	Diarrhœa
„ 23	5, Drinkwater Street	F	9 weeks	F Labourer	Do.
„ 25	9, Boardman Street	F	57 years	H Tailor	Carcinoma
„ 30	6, Barlow's Buildings	F	1½ years	F Labourer	Diarrhœa
Sep. 12	15, Goodier Street	M	44 years	Dyer	Apoplexy
„ 12	20, Barlow's Buildings	F	23 hours	F Maker-up	Convulsions
„ 13	8, Bunyan Square	M	3 years	F Engraver	Burns (accidental death)
„ 30	7, Ella Street	F	1½ years	F Collector	Effusion on brain
Oct. 15	7, Ogden Street	M	83 years	Weaver	Natural decay
„ 20	7, Bethell Square	M	6 months	F Porter	Tabes mesenterica
„ 22	1, Back Barlow's Buildings	M	9 weeks	F Labourer	Diphtheria
„ 28	2, Pickston's Buildings	M	9 months	F Labourer	Bronchitis
Dec. 12	16, Drinkwater Street	M	2 days	F Pork butcher	Inanition
„ 16	6, Woodlands Street	F	8 months	F Tin smith	Mesenteric disease
„ 19	22, Woodlands Street	M	7 months	F Clerk	Broncho-pneumonia

Ages at Death

All under 1 year	13	
„ 2 years	19	
„ 3 „	19	
„ 4 „	20	
„ 5 „	20	= 20
All between 5 and 10 years, including the first term		2
„ 10 „ 20 „ „ „		1
„ 20 „ 30 „ „ „		3
„ 30 „ 40 „ „ „		1
„ 40 „ 50 „ „ „		2
„ 50 „ 60 „ „ „		3
„ 60 „ 70 „ „ „		3
„ 70 „ 80 „ „ „		2
„ 80 „ 90 „ „ „		1
Total deaths		38

Death per 100 *of the total number of deaths at different ages*

Under 1 year	34·21	Under 4 years	52·63
„ 2 years	50·00	„ 5 „	52·63
„ 3 „	50·00		
Between 5 and 10 years	5·26	Between 50 and 60 years	7·89
„ 10 „ 20 „	2·63	„ 60 „ 70 „	7·89
„ 20 „ 30 „	7·89	„ 70 „ 80 „	5·26
„ 30 „ 40 „	2·63	„ 80 „ 90 „	2·63
„ 40 „ 50 „	5·26		

Deaths per 1,000 *of the mean population* (2,177) *at different ages*

Under 1 year	5·97	Under 4 years	9·18
„ 2 years	8·72	„ 5 „	9·18
„ 3 „	8·72		
Between 5 and 10 years, including the first term	·91	Between 50 and 60 years, including the first term	1·37
„ 10 „ 20 „	·45	„ 60 „ 70 „	1·37
„ 20 „ 30 „	1·37	„ 70 „ 80 „	·91
„ 30 „ 40 „	·45	„ 80 „ 90 „	·45
„ 40 „ 50 „	·91		

SANITARY DISTRICT No. 11—CAUSES OF DEATH

Zymotic Diseases

Scarlet Fever

None

Typhus and Typhoid Fever

None

Measles

None

Whooping Cough

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Feb. 7	16, Mount Street	M	9 months	F Labourer	Pertussis

Diphtheria

Oct. 22	1, Back Barlow's Buildings	M	9 weeks	F Labourer	Diphtheria

Diarrhœa

Jan. 2	5, Drinkwater Court	F	1½ years	F Labourer	Diarrhœa
July 30	3, Alliance Street	F	76 years	H Gardener	Do.
Aug. 8	14, Ella Street	M	5 weeks	F Joiner	Do.
,, 23	5, Drinkwater Street	F	9 weeks	F Labourer	Do.
,, 30	6, Barlow's Buildings	F	1½ years	F Labourer	Do.

Diseases of Lungs

Pneumonia and Acute Bronchitis

Jan. 2	1, Bunyan Square	F	65 years	H Cotton broker	Bronchitis
Feb. 10	49, Goodier Street	F	6½ years	F Finisher	Pleuro-pneumonia
Mar. 7	2, Bunyan Street	M	51 years	Mason	Broncho-pneumonia
,, 7	8, John Street	M	5½ years	F Cabinet maker	Pneumonia
,, 14	Rochdale Road, Harpurhey	M	36 years	Tripe dresser	Œdema of lung
Apl. 16	5, Ogden Street	F	14 months	F Machinist	Bronchitis
Oct. 28	2, Pickston's Buildings	M	9 months	F Labourer	Do.
Dec. 19	22, Woodland Street	M	7 months	F Clerk	Broncho-pneumonia

Phthisis Pulmonalis

July 12	33, Ella Street	M	27 years	Calenderer	Pneumonic phthisis

Diseases of Nervous System

Convulsions, Meningitis, Hydrocephalus, &c.

Convulsions

Apl. 24	14, Ogden Street	M	1¾ years	F Dyer	Convulsions
Sep. 12	20, Barlow's Buildings	F	23 hours	F Maker-up	Do.

Sanitary District No. 11—Causes of Death, 1880—continued

Apoplexy

Date 1880	Residence	Sex	Age	Occupation	Cause of Death
Sep. 12	15, Goodier Street	M	44 years	Dyer	Apoplexy

Diseases of Debility

Asthenia, Atrophy, Debility, Tabes Mesenterica, Marasmus, Inanition, Wasting, &c.

May 21	3, Lancashire Court	M	1¾ years	M Servant	Tabes mesenterica
July 18	1, Barlow's Buildings	F	3 weeks	F Coach trimmer	Congenital debility
Oct. 15	7, Ogden Street	M	83 years	Weaver	Natural decay
„ 20	7, Bethell Square	M	6 months	F Porter	Tabes mesenterica
Dec 12	16, Drinkwater Street	M	2 days	F Pork butcher	Inanition
„ 16	6, Woodlands Street	F	8 months	F Tin smith	Mesenteric disease

Diseases of Heart

Jan. 17	38, Alliance Street	F	46 years	H Builder	Valvular heart disease
Mar. 6	11, Pickston Street	F	18 years	F Labourer	Do.
May 27	10, Barlow's Buildings	M	25 years	Dyer	Morbus cordis

Diseases of Brain

Mar. 16	Rochdale Road, Harpurhey	F	6 months	F Tripe dresser	Effusion on brain
May. 18	14, Drinkwater Street	M	6 weeks	M Charwoman	Do.
Sep. 30	7, Ella Street	F	1½ years	F Collector	Do.

Diseases of Liver

Jan. 1	9, Pickston Street	M	52 years	Publican	Cirrhosis of liver

Paralysis

Feb. 7	Park Villa	F	77 years	Widow	Paralysis
July 9	15, Lancashire Street	F	65 years	Widow	Do.

Hæmorrhage

Feb. 27	38, Pickston Street	F	23 years	H Labourer	Hæmoptysis

Cancerous Diseases

June 6	6, Bethell Square	F	63 years	H Watchman	Cancer of liver
Aug. 25	9, Boardman Street	F	57 years	H Tailor	Carcinoma

Coroner's Inquest

Sep. 13	8, Bunyan Square	M	3 years	F Engraver	Burns (accidental death)

Zymotic Diseases

Proportion per cent. *to total number of deaths from all causes,* 5·26

Special Forms of Zymotic Disease

Fever (typhus and typhoid)...	—	Whooping cough	2·63
Scarlet fever	—	Smallpox	—
Measles	—	Diphtheria	2·63

Proportion per cent. *to total number of deaths from all causes*

Diarrhœa	13·15	Diseases of debility	15·78
Diseases of lungs	23·68	Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	15·78
Pneumonia and acute bronchitis	21·05	Apoplexy	2·63
Laryngitis	—	Diseases of heart	7·89
Chronic bronchitis	—	Diseases of brain	7·89
Phthisis pulmonalis	2·63	Diseases of liver	2·63
Infantile tuberculosis	—	Paralysis	5·26
Diseases of nervous system ...	5·26	Hæmorrhage	2·63
Convulsions	5·26	Cancerous diseases	5·26
Hydrocephalus	—	Coroner's inquests.....	2·63
Laryngismus stridulus	—		
Nervous exhaustion	—		

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Zymotic Diseases

Total rate from the Seven Zymotic Diseases below, ·90

Fever (typhus and typhoid)...	—	Whooping cough	·45
Scarlet fever	—	Smallpox	—
Measles	—	Diphtheria	·45

Proportion of Deaths per 1,000 *of population, or rate of mortality from each class of disease, and from the several forms of disease*

Diarrhœa	2·29	Diseases of debility	2·75
Diseases of lungs	4·12	Atrophy, debility, tabes mesenterica, marasmus, inanition, wasting, &c...	2·75
Pneumonia and acute bronchitis	3·67	Apoplexy	·45
Laryngitis	—	Diseases of heart	1·37
Chronic bronchitis	—	Diseases of brain	1·37
Phthisis pulmonalis	·45	Diseases of liver	·45
Infantile tuberculosis	—	Paralysis	·91
Diseases of nervous system ...	·91	Hæmorrhage	·45
Convulsions	·91	Cancerous diseases	·91
Hydrocephalus	—	Coroner's inquests.....	·45
Laryngismus stridulus	—		
Nervous exhaustion	—		

APPENDIX.

DEATHS IN THE CITY.

DEATHS IN THE CITY

Deaths from all Causes during the Years 1868–81, including the Deaths in Monsall Hospital

Year	No. of Deaths	Year	No. of Deaths	Year	No. of Deaths
1868	11,242	1873	10,015	1878	9,169
1869	10,232	1874	9,922	1879	8,515
1870	9,906	1875	10,074	1880	8,893
1871	10,435	1876	9,861	1881	8,473
1872	9,551	1877	9,129		

Deaths from the Five Zymotic Diseases

Smallpox, Fever, Measles, Whooping Cough, and Scarlatina, including the Deaths in Monsall Hospital

Year	No. of Deaths	Rate per 1,000 of population	Year	No. of Deaths	Rate per 1,000 of population
1868	2,342	6·8	1875	1,009	2·9
1869	1,505	4·3	1876	1,338	3·7
1870	1,138	3·3	1877	1,137	3·1
1871	1,201	3·4	1878	785	2·2
1872	1,207	3·4	1879	897	2·5
1873	1,262	3·5	1880	919	2·5
1874	1,136	3·2	1881	566	1·6

Deaths from Fever

Typhus and Typhoid

Year	No. of Deaths	Rate per 1,000 of population	Year	No. of Deaths	Rate per 1,000 of population
1868	635	1·83	1875	177	·50
1869	403	1·16	1876	225	·63
1870	392	1·13	1877	164	·46
1871	282	·80	1878	115	·32
1872	242	·68	1879	68	·18
1873	232	·66	1880	89	·24
1874	188	·53	1881	75	·21

Number of Deaths and Rate per 1,000 of the Population in each Quarter of the Years 1873–81

Year	No. of Deaths	Rate per 1,000 of population
1873		
March Quarter	2,799	31·88
June ,,	2,420	27·56
September ,,	2,515	28·61
December ,,	2,281	25.95
1874		
March Quarter	2,451	27·84
June ,,	2,366	26·87
September ,,	2,532	28·76
December ,,	2,573	29·22
1875		
March Quarter	3,035	34·39
June ,,	2,373	26·86
September ,,	2,246	55·43
December ,,	2,420	27·40
1876		
March Quarter	2,821	31·83
June ,,	2,373	26·78
September ,,	2,332	26·31
December ,,	2,175	24·54
1877		
March Quarter	2,446	27·79
June ,,	2,369	26·64
September ,,	1,989	22·37
December ,,	2,230	25·08
1878		
March Quarter	2,376	26·63
June ,,	2,234	25·04
September ,,	2,201	24·67
December ,,	2,358	26·43
1879		
March Quarter	2,863	31·99
June ,,	1,997	22·31
September ,,	1,611	18·09
December ,,	2,044	22·86
1880		
March Quarter	2,354	27·57
June ,,	2,242	26·26
September ,,	2,268	26·56
December ,,	2,029	23 76
1881		
March Quarter	2,593	30·36
June ,,	1,970	23·04
September ,,	1,745	20·40
December ,,	2,165	25·32

Deaths from Measles and Rate per 1,000 of Population

	1880			1881		
	Deaths		Death Rate	Deaths		Death Rate
Ancoats	34	...	·69	24	...	·50
Deansgate	4	...	·21	11	...	·72
London Road	6	...	·37	1	...	·05
Market Street	8	...	·62	6	...	·63
St. George's	40	...	·58	29	...	·49
Hulme	39	...	·48	11	...	·15
Chorlton	21	...	·37	5	...	·08
Ardwick	14	...	·42	1	...	·03
Cheetham	19	...	·72	1	...	·03
Beswick	5	...	·63	8	...	1·05
Royal Infirmary	1	...	—	—	...	—
Monsall Hospital	—	...	—	—	...	—
Crumpsall Workhouse	5	...	—	18	...	—
	196			115		

1880	Deaths	1881	Deaths
January	18	January	13
February	9	February	2
March	13	March	4
April	18	April	6
May	29	May	6
June	21	June	1
July	18	July	6
August	17	August	2
September	11	September	5
October	21	October	9
November	18	November	37
December	3	December	24
	196		115

Deaths from Whooping Cough and Rate per 1,000 of Population

	1880			1881		
	Deaths		Death Rate	Deaths		Death Rate
Ancoats	46	...	·94	43	...	·89
Deansgate	5	...	·26	9	...	·59
London Road	12	...	·74	23	...	1·33
Market Street	9	...	·70	6	...	·63
St. George's	95	...	1·39	56	...	·94
Hulme	57	...	·71	50	...	·69
Chorlton	20	...	·36	23	...	·41
Ardwick	6	...	·18	25	...	·80
Cheetham	33	...	1·26	8	...	·31
Beswick	9	...	1·13	4	...	·50
Royal Infirmary	—	...	—	1	...	—
Monsall Hospital	1	...	—	—	...	—
Crumpsall Workhouse	7	...	—	1	...	—
	300			249		

1880	Deaths	1881	Deaths
January	44	January	21
February	40	February	11
March	30	March	22
April	45	April	26
May	49	May	33
June	28	June	28
July	16	July	24
August	13	August	8
September	3	September	12
October	11	October	18
November	10	November	8
December	11	December	38
	300		249

Deaths from Fever and Rate per 1,000 of Population

	1880			1881		
	Deaths		Death Rate	Deaths		Death Rate
Ancoats	4	...	·08	5	...	·10
Deansgate	4	...	·21	2	...	·13
London Road	6	...	·37	4	...	·23
Market Street	1	...	·07	5	...	·53
St. George's	11	...	·16	12	...	·20
Hulme	18	...	·22	14	...	·19
Chorlton	10	...	·18	12	...	·21
Ardwick	7	...	·21	4	...	·12
Cheetham	3	...	·11	5	...	19
Beswick	6	...	·75	—	...	—
Royal Infirmary	2	...	—	2	...	—
Monsall Hospital	15	...	—	5	...	—
Crumpsall Workhouse	2	...	—	5	...	—
	89			75		

1880	Deaths	1881	Deaths
January	5	January	8
February	7	February	6
March	6	March	9
April	4	April	3
May	10	May	4
June	8	June	7
July	10	July	2
August	7	August	5
September	9	September	9
October	8	October	9
November	7	November	7
December	8	December	6
	89		75

Deaths from Scarlatina and Rate per 1,000 of Population

	1880			1881		
	Deaths		Death Rate	Deaths		Death Rate
Ancoats	56	...	1·14	20	...	·41
Deansgate	19	...	1·01	4	...	·26
London Road	19	...	1·17	6	...	·34
Market Street	3	...	1·23	5	...	·53
St. George's	60	...	·88	13	...	·22
Hulme	59	...	·73	23	...	·31
Chorlton	36	...	·65	14	...	·25
Ardwick	41	...	1·23	15	...	·48
Cheetham	22	...	·84	3	...	·11
Beswick	9	...	1·13	7	...	·87
Royal Infirmary	—	...	—	—	...	—
Monsall Hospital	7	...	—	6	...	—
Crumpsall Workhouse	1	...	—	—	...	—
	332			116		

1880	Deaths	1881	Deaths
January	32	January	27
February	22	February	12
March	21	March	7
April	29	April	10
May	34	May	2
June	32	June	4
July	17	July	7
August	21	August	6
September	26	September	7
October	32	October	14
November	35	November	6
December	31	December	14
	332		116

Smallpox

In 1880..... 2 deaths..... { 1 in Cheetham district; 1 in Monsall Hospital }

In 1881.....11 deaths..... { 1 in Market Street district; 1 in St. George's district; 9 in Monsall Hospital }

Deaths from Diarrhœa, and Rate per 1,000 of Population

	1880			1881		
	Deaths		Death Rate	Deaths		Death Rate
Ancoats	126	...	2·58	47	...	·97
Deansgate	37	...	1·97	15	...	·99
London Road	31	...	1·91	7	...	·40
Market Street	16	...	1·25	14	...	1·49
St. George's	103	...	1·51	39	...	·65
Hulme	95	...	1·18	53	...	·73
Chorlton	83	...	1·50	22	...	·38
Ardwick	38	...	1·14	13	...	·41
Cheetham	31	...	1·18	19	...	·73
Beswick	13	...	1·64	5	...	·62
Crumpsall Workhouse	34	...	—	24	...	—
	607			258		

Seasons in which the greater number of Deaths occur from Diarrhœa

1880		1881	
Week ending June 12	2	Week ending June 11	4
,, ,, 19	1	,, ,, 18	7
,, ,, 26	5	,, ,, 25	3
,, July 3	6	,, July 2	3
,, ,, 10	5	,, ,, 9	4
,, ,, 17	9	,, ,, 16	7
,, ,, 24	2	,, ,, 23	8
,, ,, 31	15	,, ,, 30	13
,, Aug. 7	27	,, Aug. 6	13
,, ,, 14	37	,, ,, 13	20
,, ,, 21	62	,, ,, 20	18
,, ,, 28	84	,, ,, 27	14
,, Sept. 4	85	,, Sept. 3	21
,, ,, 11	59	,, ,, 10	10
,, ,, 18	39	,, ,, 17	9
,, ,, 25	40	,, ,, 24	12
,, Oct. 2	25	,, Oct. 1	10
,, ,, 9	16	,, ,, 8	7
,, ,, 16	15	,, ,, 15	6
,, ,, 23	9	,, ,, 22	2
,, ,, 30	13	,, ,, 29	3

TABLE SHEWING THE NUMBER OF DEATHS IN EACH REGISTRATION SUB-DISTRICT FROM THE FIVE ZYMOTIC DISEASES, VIZ.:—MEASLES, SMALLPOX, WHOOPING COUGH, SCARLATINA, AND FEVER; ALSO THE NUMBER OF DEATHS FROM OTHER CAUSES DURING THE YEARS 1880-1

YEAR 1880

	Zymotic Diseases	Other Causes	Total Deaths
Ancoats	140	1,062	1,202
Deansgate	32	381	413
London Road	43	350	393
Market Street	21	181	202
St. George's	206	1,194	1,400
Hulme	173	1,489	1,662
Chorlton	87	1,007	1,094
Ardwick	68	612	680
Cheetham	78	402	480
Beswick	29	165	194
Royal Infirmary	3	326	329
Monsall Hospital	24	9	33
Manchester Workhouse	—	14	14
Crumpsall Workhouse	15	782	797
	919	7,974	8,893

YEAR 1881

Ancoats	92	1,088	1,180
Deansgate	26	358	384
London Road	34	270	304
Market Street	23	283	306
St. George's	111	1,156	1,267
Hulme	98	1,404	1,502
Chorlton	54	1,021	1,075
Ardwick	45	544	589
Cheetham	17	398	415
Beswick	19	172	191
Royal Infirmary	3	363	366
Monsall Hospital	20	14	34
Manchester Workhouse	—	4	4
Crumpsall Workhouse	24	832	856
	566	7,907	8,473

Deaths in each District from Diseases of the Lungs during the Years 1880 and 1881

Year 1880

	Deaths at all ages	Rate per 1,000 of the Population of each District	Deaths under 5 years
Ancoats	372	7·62	115
Deansgate	135	7·18	57
London Road	127	7·84	55
Market Street	66	5·18	22
St. George's	386	5 66	182
Hulme	529	6·62	162
Chorlton	336	6·09	103
Ardwick	188	5·64	98
Cheetham	100	3·82	53
Beswick	51	6·43	29
Royal Infirmary	49	—	—
Monsall Hospital	4	—	—
Manchester Workhouse	4	—	38
Crumpsall Workhouse	330	—	—
	2,677		914

Year 1881

Ancoats	428	8·92	116
Deansgate	142	9·38	35
London Road	104	6·05	21
Market Street	94	10·15	13
St. George's	437	7·39	104
Hulme	518	7·17	122
Chorlton	408	7·33	61
Ardwick	222	7·11	48
Cheetham	121	4·70	36
Beswick	62	7·79	13
Royal Infirmary	33	—	1
Monsall Hospital	9	—	—
Manchester Workhouse	1	—	—
Crumpsall Workhouse	386	—	33
	2,965		603

TABLE EXHIBITING THE AGES AT DEATH IN THE REGISTRATION SUB-DISTRICTS DURING THE YEARS 1880 AND 1881, ALSO THE PROPORTIONS PER CENT. WHICH THE DEATHS AT EACH AGE BEAR TO THE TOTAL DEATHS

1880

	Under 1 year	Under 5 years	5 years and above	Total Deaths	Rate per cent. under 1 year	Rate per cent. under 5 years	Rate per cent. 5 years and above
Ancoats	365	692	510	1,202	30·3	57·5	42·4
Deansgate	128	185	228	413	30·9	44·7	65·2
London Road	109	199	194	393	27·7	50·6	49·3
Market Street	67	105	97	202	33·1	51·9	48·0
St. George's	422	793	607	1,400	30·1	56·6	43·3
Hulme	534	813	849	1,662	32·1	48·9	51·0
Chorlton	391	488	606	1,094	35·7	44·6	55·3
Ardwick	197	359	321	680	28·9	52·7	47·2
Cheetham	149	242	238	480	31·0	50·4	49·5
Beswick	78	122	72	194	40·2	62·8	37·1
Royal Infirmary	2	17	312	329	·60	5·1	94·8
Monsall Hospital	—	—	33	33	—	—	100·0
Manchester Workhouse	4	4	10	14	28·5	28·5	71·4
Crumpsall Workhouse	91	152	645	797	11·4	19·0	80·9
	2,537	4,171	4,722	8,893	28·5	46 9	53·0

1881

Ancoats	356	587	593	1,180	30·1	49·7	50·2
Deansgate	93	142	242	384	24·2	37·0	63·0
London Road	68	129	175	304	22·3	42·4	57·5
Market Street	75	120	186	306	24·5	39·2	60·7
St. George's	348	597	670	1,267	27·4	47·1	52·9
Hulme	449	712	790	1,502	29·8	47·4	52·5
Chorlton	229	374	701	1,075	21·3	34·6	65·2
Ardwick	170	265	324	589	28·8	44 9	55·0
Cheetham	95	155	260	415	22·8	37 3	62·6
Beswick	58	96	95	191	30·3	50·2	49·7
Royal Infirmary	2	27	339	366	·54	7·37	92·6
Monsall Hospital	—	—	34	34	—	—	100·0
Manchester Workhouse	2	2	2	4	50·0	50·0	50·0
Crumpsall Workhouse	75	116	740	856	8·76	13·5	86·4
	2,020	3,322	5,151	8,473	23·8	39·2	60·7